APPENDIX C

Literature Cited

- Adams P.A. and H.A. Froehlich. 1984. Compaction of Forest Soils. Pacific Northwest. Extension Publication PNW 217. Pacific Northwest Experimental Station, Portland, OR. [0688]
- Adams, S.B., D.A. Schmetterling and M.K. Young. 2005. Instream movements by boreal toads (Bufo boreas boreas). Herpetological Review, 36(1):27-33. [0623]
- Agee, J.K. 1993. Fire ecology of Pacific Northwest forests. Washington, DC: Island Press. 493 p. Available for review at the Stevensville Ranger District office.
- Agee, J.K. 1998 The landscape ecology of western forest fire regimes. Northwest Science. 72 (special issue): 24-34
- Agee, J.K. 2000. Disturbance ecology of North American boreal forests and associated northern mixed/subalpine forests. Pages 39-82 in L.F. Ruggiero, K.B Aubry, S.W. Buskirk, et al. Ecology and conservation of lynx in the contiguous United States. University Press of Colorado, Boulder. [1087]
- Agee, J.K. 2002. The fallacy of passive management Managing for firesafe forest reserves. Conservation Biology in Practice (3)1 18-25. [0573]
- Air Quality http://www.deg.mt.gov/AirQuality/airRules.mcpx
- Alexander, M.E. and F.G. Hawksworth. 1975. Wildland fires and dwarf mistletoes: a literature review of ecology and prescribed burning. USDA. Forest Service. Gen. Tech. Rep. RM-14. Rocky MT. For. And Range Exp. Stn. Fort Collins, CO. 12 p. [0878]
- Allen, A.W. 1987. The relationship between habitat and furbearers. In: Novak, M., J. A. Baker, M. E. Obbard, and B. Malloch, eds. Wild furbearer management and conservation in North America. North Bay, ON: Ontario Trappers Association: 164-179.
- Allen, C.D. 2007. Interactions across spatial scales among forest dieback, fire, and erosion in northern New Mexico. Ecosystems 10: 797-808.
- Amman, G.D., M.D. McGregor, D.B. Cahill and W.H. Klein. 1977. Guidelines for reducing losses of lodgepole pine to the mountain pine beetle in unmanaged stand in the Rocky Mountains. Gen. Tech. Rep. INT-36. Ogden, UT: USDA, Forest Service, Intermountain Forest & Range Exp. Station. 19p. [0263]
- Amman, G.D. and J.A. Logan. 1998. Silviculture Control of Mountain Pine Beetle: Prescriptions and the Influence of Microclimate. American Entomologist, Fall 1998. 12 p. [0316]
- Anderson, H.E. 1982. Aids to Determining Fuel Models for Estimating Fire Behavior. USDA For. Serv. Gen. Tech. Rep. INT-122; Intermt. For. and Range Exp. Stn. Ogden, UT. [106]
- Anderson, L., C.E. Carlson and R.H. Wakimoto. 1987. Forest fire frequency and western spruce budworm outbreaks in western Montana. Forest Ecology Management. 22: 251-260. [0881]
- Andrews, P.L. and C.H. Chase. 1989. BEHAVE: Fire behavior prediction and Fuel Modeling System—BURN subsystem, Part 2. Gen. Tech. Rpt. INT-260. Ogden, UT: USDA Forest Service, Intermountain Research Station. 93 p. [0609]

- Andrus C.W. and H.A. Froehlich . 1983. An evaluation of four implements used to till compacted forest soils in the Pacific Northwest. Research Bulletin 45. Forest Research Lab, College of Forestry, Oregon State University, Corvallis, OR. [0868]
- Andruskiw, M., J.M. Fryxell, I.D. Thompson and J.A. Baker. 2008. Habitat-mediated variation in predation risk by the American marten. Ecology. 89(8): 2273-2280. [1442]
- Apfelbaum, S. and A. Haney. 1981. Bird populations before and after wildfire in a Great Lakes pine forest. Condor 83:347-354. [0624]
- Arnett, E.B., B. Altman and W.P. Erickson. 1997a. Relationships between salvage logging and forest avifauna in lodgepole pine forests of the central Oregon Pumice Zone. Unpubl. 1996 annual report to the Weyerhaeuser Co., Springfield, OR. [0625]
- Arnett, E.B., B. Altman and W.P. Erickson. 1997b. Effects of salvage logging on neotropical migratory landbirds in lodgepole pine forests of central Oregon: 1997 preliminary results. Unpubl. report to the Weyerhaeuser Co., Springfield, OR. [0695]
- Arno, S.F. 1976. The historical role of fire on the Bitterroot National Forest. Ogden, UT: USDA Forest Service, Intermountain Forest and Range Experiment Station. Res. Pap. INT-187, 29p. [0047]
- Arno, S.F. 1980. Forest fire history in the Northern Rockies. Journal of Forestry 78(8): 460-465. [0883]
- Arno, S.F. and T.D. Petersen. 1983. Variation in estimates of fire intervals; a closer look at fire history on the Bitterroot National Forest. Ogden, UT: USDA, Forest Service, Intermountain Forest and Range Experiment Station. Research Paper. INT-301, 8p. [1096]
- Arno, S.F., D.G. Simmerman and R.E. Keane. 1985. Forest Succession on four habitat types in western Montana. Gen. Tech. Rep. INT-177. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. 74p. [0195]
- Arno, S.F. and G.E.Gruell. 1986. Douglas-fir Encroachment into Mountain Grasslands in Southwestern Montana. J. of Range Management, 39(3). [0373]
- Arno, S.F. 1988. Fire ecology and its management implications in ponderosa pine forests. IN: Ponderosa Pine: The Species and its Management Symposium Proceedings. Eds. D.M. Baumgartner and J.E. Lotan, Spokane, WA. September 29-October 1, 1987. Published by Washington State Univ, Pullman, WA. 1988. Pages 133-140. [1022]
- Arno, S F., M.G. Harrington, C.E. Fiedler and C.E. Carlson. 1995. Restoring fire dependent ponderosa pine forest in Western Montana. Pacific Northwest Reports. Restoration & Management Notes. Summer 13(1). 32-36. [0365]
- Arno, S.F., J.H. Scott and M.G. Hartwell. 1995. Age-class structure of old growth ponderosa pine/Douglasfir stands and its relationship to fire history. Res. Pap. INT-RP-481. Ogden, UT: U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station. 25 pgs. [703]
- Arno, S.F., H.Y. Smith and M.A. Krebs. 1997. Old growth ponderosa pine and western larch stand structure: influences of pre 1900 fires and fire exclusion. Res. Pap. INT-RP-495. Odgen, UT: US Dept. Of Agriculture, Forest Service, Intermountain Research Station.20p. [0884]
- Arno, S.F., D.J. Parsons and R.E. Keane. 2000. Mixed-Severity Fire Regimes in the Northern Rocky Mountains: Consequences of Fire Exclusion and Options for the Future. RMRS-P-Vol (5). USDA Forest Service Proceedings, pages 225-232. [1388]

- Arthur, S.M., W.B. Krohn and J.R. Gilbert. 1989. Home range characteristics of adult fishers. Journal of Wildlife Management 53(3):674-679. [1430]
- Aubry, K.B., G.M. Koehler and J.R. Squires. 2000. Ecology of Canada lynx in the southern boreal forests. In Ecology and conservation of lynx in the United States. Chap. 13. Edited by L.F. Ruggiero, K.B. Aubry, S.W. Buskirk, G.M. Koehler, C.J. Krebs, K.S. McKelvey, and J.R. Squires. University Press of Colorado, Boulder, CO. pp. 373–396. [1087]
- Aubry, K.B., K.S. McKelvey and J.P. Copeland. 2007. Distribution and broadscale habitat relations of the wolverine in the contiguous United States. Journal of Wildlife Management 71(7):2147-2158. [1098]
- Bahn, L. 2007. An assessment of losses of native fish to irrigation diversions on selected tributaries of the Bitterroot River, Montana. Montana State University, Bozeman, MT. [1197] http://scholarworks.montana.edu/xmlui/bitstream/handle/1/860/BahnL1207.pdf
- Bailey, R.G., P.E. Avers, T. King and W.H. McNab. 1994. Ecoregions and subregions of the United States (map and table): U.S. Department of Agriculture–Forest Service, scale 1:7,500,000. http://www.fs.fed.us/land/pubs/ecoregions/intro.html
- Bailey, T.N., E.E. Bangs, M.F. Portner, J.C. Malloy and R.J. McAvinchey. 1986. An apparent overexploited lynx population on the Kenai Peninsula, Alaska. Journal of Wildlife Management 50(2):279-290. [1431]
- Baker, T.G., G.M. Will and G.R. Oliver. 1989. Nutrient Release from Silvicultural Slash: Leaching and Decomposition of Pinus radiate Needles. Forest Ecology and Management 27:53-60. [0326]
- Barbour, R.W. and W.H. Davis. 1969. Plecotus townsendii. Pp. 164-178 in: Barbour, R.W. and W.H. Davis. Bats of America. University of Kentucky Press, Lexington, Kentucky. 286 pp. [0628]
- Barker, R. 1993. Saving All the Parts: Reconciling Economics and the Endangered Species Act. Island Press. Washington, DC. Pp 280.
- Barrett, S.W. 1981. Relationship of Indian-caused fires to the ecology of western Montana forests. Missoula, MT: University of Montana. 198p. Thesis. [0901]
- Barrett, S.W. and S.F. Arno. 1982. Indian fires as an ecological influence in the Northern Rockies. Journal of Forestry. 80:647-651. [0885]
- Barrett, S.W., S.F. Arno and C.H. Key. 1991. Fire Regimes of Western Larch-Lodgepole Pine Forests in Glacier National Park, Montana. Canadian Journal of Forestry Research 21: 1711-1720. [1395]
- Barrett, S.W., S.F. Arno and J.P. Menakis. 1997. Fire episodes in the Inland Northwest (1540-1940) based on fire history data. USDA Forest Service. INT-GTR-370. [0610]
- Barrett, S., D. Havlina, J. Jones, W. Hann, C. Frame, D. Hamilton, K. Schon, T. Demeo, L. Hutter and J. Menakis. 2010. Interagency Fire Regime Condition Class Guidebook. Version 3.0 [Homepage of the Interagency Fire Regime Condition Class website, USDA Forest Service, US Department of the Interior, and The Nature Conservancy]. [Online], Available: http://www.frcc.gov/ p 15
- Bartelt, P.E. 1998. Bufo boreas mortality. Herpetological Review 29(2): 96.
- Bartelt, P.E., C.R. Peterson and R.W. Klaver. 2004. Sexual differences in the post-breeding movements and habitats selected by western toads (Bufo boreas) in southeastern Idaho. Herpetologica, 60(4): 455-0467. [702]

- Barton, A. M. 2002. Intense wildfire in southeastern Arizona: transformation of a Madrean oak-pine forest to oak woodland. Forest Ecology and Management 165: 205-212.
- Bat Conservation International, Inc. 2001. Bats in eastern woodlands. Austin, TX: Bat Conservation International, Inc. 307 pp.
- Battaglia, M.A., F.W. Smith and W.D. Shepperd. 2008. Can prescribed fire be used to maintain fuel treatment effectiveness over time in Black Hills ponderosa pine forests? Forest Ecology and Management, 256:2029-2038. [1540]
- Berg, W.E. and D.W. Kuehn. 1994. Demography and range of fishers and American martens in a changing Minnesota landscape. In: Buskirk, Steven W.; Harestad, Alton S.; Raphael, Martin G.; Powell, Roger A., eds. Martens, sables, and fishers: Biology and conservation. Ithaca, NY: Cornell University Press: 262-271.
- Binkley, D. T. Sisk, C. Chambers, J. Springer and W. Block. 2007. The Role of Old-growth Forests in Frequent-fire Landscapes. Ecology and Society 12(2): 18. [1530]
- Biondi, F. 1996. Decadal-scale dynamics at the Gus Pearson Natural Area: Evidence for Inverse (A)symmetric Competition? Canadian Journal Forestry Research 26: 1397-1406. [1396]
- Birdsey, R., K. Pregitzer and A. Lucier. 2006. Forest Carbon Management in the United States: 1600-2100. J. Environ. Qual. 35:1461-1469. [1397]
- Black, J.H. and R.B. Brunson. 1971. Breeding behavior of the boreal toad, Bufo boreas boreas (Baird and Girard), in western Montana. The Great Basin Naturalist. 31(2): 109-113. [1443]
- Blais, J.R. 1983. Trends in frequency, extent and severity of spruce budworm outbreaks in eastern Canada. Can. J. Res. 13:539-547. [0902]
- Blaustein, A.R., P.D. Hoffman, D.G. Hokit, J.M. Kiesecker, S.C. Walls and J.B. Hays. 1994. UV repair and resistance to solar UV-B in amphibian eggs: a link to population declines? Proceedings of the National Academy of Sciences 91: 1791-1795. [1444]
- Bloom, P.H. 1983. Notes on the distribution and biology of the flammulated owl. Western Birds 14:49-52. [0630]
- Bock, C.E. and J.F. Lynch. 1970. Breeding bird populations of burned and unburned conifer forest in the Sierra Nevada. Condor 72:182-189. [0632]
- Bogener, D. 2003. SP-T11 -- Effects of fuel load management and fire prevention on wildlife and plant communities. Oroville, CA: State of California, Department of Water Resources. Draft final report. Oroville Facilities Relicensing: Federal Energy Regulatory Commission Project No. 2100. 42 p. [1445]
- Boisvenue, C. and S.W. Running. 2010. Simulations show decreasing carbon stocks and potential for carbon emissions in Rocky Mountain forests over the next century. Ecological Applications 20(5): 13-2-1319.
- Bosch, J.M. and J.D. Hewlett. 1982. A review of catchment experiments to determine the effect of vegetation changes on water yield and evapotranspiration. Journal of Hydrology, (55) 3-23 [1432]
- Bowman, J.C. and J. Robitaille. 1997. Winter habitat use of American martens Martes americana within second-growth forest in Ontario, Canada. Wildlife Biology. 3(2): 97-105. [1446]

- Bradley, L., J. Gude, N. Lance, K. Laudon, A. Messer, A. Nelson, G. Pauley, M. Ross, T. Smucker and J. Seuber. 2013. Montana Gray Wolf Conservation and Management 2012 Annual Report. Montana Fish, Wildlife & Parks. Helena, MT. Pp 55. [1447]
- Brassfield, R., J. Geffre, and J. Rokosch. 2008. 2007 Lake Survey: Fish Lake, Lost Horse Drainage, Bitterroot National Forest. Draft 03-14-2008. Stevensville Ranger District, Stevensville MT. [1415]
- Breashears, D.D., and C.D. Allen. 2002. The importance of rapid, disturbance-induced losses in carbon management and sequestration. Global Ecology and Biogeography 11:1-5.
- British Columbia Canada Ministry of Forests. March 2002. Forest Soil conservation and Rehabilitation in British Columbia Opportunities, Challenges, and Techniques. [0264] www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro70.htm
- Brock, B.L., R.M. Inman, K.H. Inman, A.J. McCue, M.L. Packila and B. Giddings. 2007. Broad-scale wolverine habitat in the conterminous Rocky Mountain states. Chapter 2 In: Greater Yellowstone Wolverine Program Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Bozeman, MT, USA. [1330]
- Brooks, M.L., C.M. D'Antonio, D.M. Richardson, J.B. Grace, J.E. Keeley, J.M. DiTomaso, R.J. Hobbs, M. Pellant and D. Pyke. 2004. Effects of invasive alien plants on fire regimes. Bioscience Vol. 54, No. 7, 677-688. [0043]
- Brown, J.K. 1994. Fire Regimes and Their Relevance to Ecosystem Management. [0612]
- Brown, J.K., S.F. Arno, S.W. Barrett and J.P. Menakis. 1994. Comaparing the Prescribed Natural Fire Program with Presettlement Fires in the Selway-Bitterroot Wilderness. Int. Journal of Wildland Fire 4: 157-168. [931]
- Brown, J.K., E.D. Reinhardt and K. Kramer. 2001. Coarse woody debris and succession in the recovering forest. Unpublished Report. USDA, Forest Service, Rocky Mountain Research Station, Missoula, MT. 13pp. [0080]
- Brown, T.K. 2002. Creating and maintaining wildlife, insect, and fish habitat structures in dead wood. In: Laudenslayer, W. F., Jr., P. J. Shea, B. E. Valentine, C. P. Weatherspoon, and T. E. Lisle, tech. coords. Proceedings of the symposium on the ecology and management of dead wood in western forests; 1999 November 2-4; Reno, NV. Gen. Tech. Rep. PSW-GTR-181. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station: 883-892. [1448]
- Bryce, S., G. Lomnicky, P. Kaufmann, L. McAllister and T. Ernst. 2008. Development of biologically based sediment criteria in mountain streams of the Western United States. North American Journal of Fisheries Management 28:1714–1724. [1413] http://www.tandfonline.com/doi/abs/10.1577/M07-139.1
- Bull, E.L. and R.G. Anderson. 1978. Notes on flammulated owls in northeastern Oregon. The Murrelet 59:26-27. [0637]
- Bull, E.L. and J.E. Jackson. 1995. Pileated Woodpecker (Dryocopus pileatus). The Birds of North America, No. 148 (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia, PA, and The American Ornithologists' Union, Washington, D.C. [0113] http://bna.birds.cornell.edu/BNA/account/Pileated_Woodpecker/HABITAT.html
- Bull, E.L., C.G. Parks and T.R. Torgersen. 1997. Trees and Logs Important to Wildlife in the Interior Columbia River Basin. PNW-GTR-391. La Grande, OR U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 55p. [0246]

- Bull, E.L., K.B. Aubry and B.C. Wales. 2001. Effects of disturbance on forest carnivores of conservation concern in eastern Oregon and Washington. Northwest Science. 75: 180-184. [1433]
- Bull, E.L., A.A. Clark and J.F. Shepherd. 2005. Short-term effects of fuel reduction on pileated woodpeckers in northeastern Oregon a pilot study. Res. Pap. PNW-RP-564. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 17p. [0285]
- Bull, E.L. 2006. Sexual differences in the ecology and habitat selection of western toads (Bufo boreas) in northeastern Oregon. Herp. Cons. And Biol. 1(1):27-38. [0636]
- Bulmer, C.E. 1998. Forest Soil Rehabilitation in British Columbia: A Problem Analysis. Ministry of Forests Research Program. pp 13-21 [1018]
- Burnett. 1981. Marten in MT ordered from FS Lib. 5/2/2011 Movements and habitat use of the American marten in Glacier National Park, Montana. Missoula, MT: University of Montana. M.S. thesis. 130 pp. [1237]
- Buskirk, S.W. and R.A. Powell. 1994. Habitat ecology of fishers and American martens. Pp. 283-296 in: Buskirk, S.W., Harestad, A., Raphael, M., comps. Eds. Martens, sables and fishers: biology and conservation. Ithaca, NY: Cornell University Press. [0639]
- Buskirk, S.W. and L.F. Ruggiero. 1994. American marten. In: Ruggiero, Leonard F.; Aubry, Keith B.; Buskirk, Steven W.; Lyon, L. Jack; Zielinski, William J., tech. eds. The scientific basis for conserving carnivores: American marten, fisher, lynx, and wolverine. Gen. Tech. Rep. RM-254. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station: 7-37. [0951]
- Calder, W.J., G. Lifferth, M.A. Moritz and S.B. St. Clair. 2010. Physiological Effects of Smoke Exposure on Deciduous and Conifer Tree Species. International Journal of Forestry Research. [1525]
- Calkin, D.E., J.D. Cohen, M.A. Finey and M.P. Thompson. 2014. How risk management can prevent future wildfire disasters in the wildland-urban interface. PNAS 746-751. [1521]
- Campbell, Jr., R.B. and D.L. Bartos. 2000. Aspen Ecosystems: Objectives for Sustaining Biodiversity. USDA Forest Service Proceedings RMRS-P-0. [1294]
- Campbell III, T.M. 1979. Short term effects of timber harvest on pine marten ecology. Fort Collins, CO: Colorado State University. 71 p. Thesis.
- Cannings, R.J. 1982. General notes A Flammulated Owl Nests in a Nest Box. The Murrelet 6(2):66-68. [0641]
- Cannings, R.J. and S.R. Cannings, J.M. Cannings and G.P. Sirk. 1978. Successful breeding of the flammulated owl in British Columbia. Murrelet 59:74-75. [0640]
- Carlson, C.E., D.G. Fellin and W.C. Schmidt. 1983. The western spruce budworm in Northern Rocky Mountain forests: A review of ecology, past insecticidal treatments and silvicultural practices. IN: Management of Second-growth Forests, The State of Knowledge and Research Needs Symposium Proceedings, J. O'Loughlin and R.D. Pfister, editors, May 14, 1982, Missoula, MT. Published by School of Forestry, University of Montana, Missoula, MT. pp. 76-103. [0903]
- Carpenter, C.C. 1954. A study of amphibian movement in the Jackson Hole Wildlife Park. Copeia 1954:197-200. [1449]

- Carr, W.W. 1989. An evaluation of forest soil tillage using the winged subsoiler on landings in the Prince George Forest District: A pilot study. Contract Report, Silviculture Branch. Ministry of Forests, Victoria, B.C. 24pp. [0869]
- Carroll, A.L., B.H. Aukema, K.f. Raffa, D.A. Linton, G.D. Smith and B.S. Lindgren. 2006. Mountain Pine Beetle Outbreak Development: The Endemic Incipient Epidemic Transition. Working Paper MPBI Project Number 1.03. Natural Resources Canada, Canadian Forest Service, Victoria, BC, Canada. [1450]
- Carter, T.C., W.M. Ford and M.A. Menzel. 2002. Fire and bats in the Southeast and Mid-Atlantic: more questions than answers? In: Ford, W. Mark; Russell, Kevin R.; Moorman, Christopher E., eds. The role of fire in nongame wildlife management and community restoration: traditional uses and new directions: Proceedings of a special workshop; 2000 December 15; Nashville, TN. Gen. Tech. Rep. NE-288. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station: 139-143. [1451]
- Caton, E.L. 1996. Effects of fire and salvage logging on the cavity-nesting bird community in NW Montana. Dissertation, University of MT, Missoula. [0256]
- Cegelski, C.C., L.P. Waits, N.J. Anderson, O. Flagstad, C. Strobeck and C.J. Kyle. 2006. Genetic diversity and population structure of wolverine (Gulo gulo) populations at the southern edge of their current distribution in North America with implications for genetic diversity. Conservation Genetics 7(2):197-211. [1158]
- Cerise, L.M., D.S. Page-Dumroese., P. McDaniel, C. Mayn and R. Heinse. 2013. Productivity and Soil Properties 45 Years after Timber Harvest and Mechanical Site Preparation in Western Montana. Western Journal of Applied Forestry. 28(4). 2013 [1386]
- Cilimburg, A. 2006. 2005 flammulated owl surveys: final report. Avian Science Center, University of Montana. Missoula, MT [0465]
- Citizen's Guide to Air Quality in Montana http://www.deq.mt.gov/AirMonitoring/citguide/WelcomePage.mcpx
- Claar, J.J., N. Anderson, D. Boud, M. Cherry, B. Conard, R. Hompesch, S. Miller, G. Olson, H. Ihsle Pac, J. Waller, T. Wittinger and H. Youmans. 1999. Carnivores. Pages 7.1-7.63 in Joslin, G. and H. Youmans, coordinators. Effects of recreation on Rocky Mountain Wildlife: A review for Montana. Committee on Effects of Recreation on Wildlife. Montana Chapter of the Wildlife Society. [0375]
- Clark, T.M., T.M. Campbell, T.N. Hauptman and J.L. Weaver. 1980. Habitat ecology of the pine marten in Jackson Hole, Wyoming. In: Clark, Tim W. Population organizational systems and regulatory mechanisms of a forest carnivore (pine martens) in Grand Teton National Park. Final report: Contract No. CX-1200-8-B026. Pocatello, ID: Idaho State University, Biology Department: 2-9.
- Clayton, J.L. 1981. Soil disturbance caused by clearcutting and helicopter yarding in the Idaho Batholith. USDA, Forest Service; Intermountain Forest and Range Experiment Station Research Note, INT-305, 7p. [0092]
- Clayton, J.L. 1990. Soil disturbance resulting from skidding logs on granitic soils in Central Idaho. [0337]
- Clayton, J.L. and D.A. Kennedy. 1985. Nutrient losses from timber harvest in the Idaho batholith. Soil Sci. Soc. Am. J. 49:1041-1049. [0494]
- Clayton, J.L. and W.F. Megahan. 1997. Natural erosion rates and their prediction in the Idaho Batholith. J. Am. Water Resources Assoc.; Vol. 33(3):689-703. [0058]

- Coates, K.D. and P.J. Burton. 1997. A Gap-based approach for development of silvicultural systems to address ecosystem management objectives. Forest Ecology and Management (99) 337-354. [1398]
- Conant, R.T., K. Paustian, F. García-Oliva, H.H. Janzen, V.J. Jaramillo, D.E. Johnson, S.N. Kulshreshtha. 2007. Chapter 10 Agricultural and Grazing Lands. In: CCSP, 2007. *The First State of the Carbon Cycle Report (SOCCR): The North American Carbon Budget and Implications for the Global Carbon Cycle.* A Report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research [King, A.W., L. Dilling, G.P. Zimmerman, D.M. Fairman, R.A. Houghton, G. Marland, A.Z. Rose, and T.J. Wilbanks (eds.)]. National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC, USA, 242 pp. http://www.globalchange.gov/publications/reports/scientific-assessments/saps/sap2-2
- Conner, R.N. 1979. Seasonal changes in woodpecker foraging methods; strategies for winter survival. pp. 95-105 in Dickson, J.G., Conner, R.N., Fleet, R.R., Kroll, J.C., Jackson, J.A. 1979. The role of insectivorous birds in forest ecosystems. Academic Press New York [0227]
- Conner, R. 1980. Foraging Habitats of Woodpeckers in Southwestern Virginia. Journal of Field Ornithology 51(2):119-127 [0283]
- Conroy, M.L., L.W. Gysel and G.R. Dudderar. 1979. Habitat components of clear-cut areas for snowshoe hares in Michigan. Journal of Wildlife Management 43:680-690. [1452]
- Cook, J.G., L.L. Irwin, L.D. Bryant, R.A. Riggs and J.W. Thomas. 1998. Relations of forest cover and condition of elk: a test of the thermal cover hypothesis in summer and winter. Wildlife Monographs No. 141, The Wildlife Society. 61 pp. [0253]
- Cooper, C. 1960. Changes in Vegetation, structure, and Growth in southwestern Pine Forests Since White Settlement. Ecological Monographs. Vol. 30 No. 2. Pp 129-164. [1400]
- Cooper, C. 1961. Pattern in Ponderosa Pine Forests. Ecology. Vol 42. No 3:493-499. [1399]
- Copeland, J.P. 1996. Biology of the wolverine in central Idaho. M.S. Thesis, University of Idaho. Moscow, ID. 152 p. [0738]
- Copeland, J.P., J.M. Peek, C.R. Groves, W.E. Melquist, K.S. MeKelvey, G.W. McDaniel, C.D. Long and C.W. Harris. 2007. Seasonal habitat associations of the wolverine in Central Idaho. Journal of Wildlife Management 71(7):2201-2212. [1108]
- Copeland, J. P., K.S. McKelvey, K.B. Aubry, A. Landa, J. Persson, R.M. Inman, J. Krebs, E. Lofroth, H. Golden, J.R. Squires, A. Magoun, M.K. Schwartz, J. Wilmot, C.L. Copeland, R.E. Yates, I. Kojola and R. May. 2010. The bioclimatic envelope of the wolverine (Gulo gulo): do climatic constraints limit its geographic distribution? Canadian Journal of Zoology 88: 233-246. [1238]
- Corn, J., and P. Hendricks. 1998. Lee Metcalf National Wildlife Refuge bullfrog and painted turtle investigations: 1997. Helena, MT: Montana Natural Heritage Program. 20 p. [1453]
- Covington, W.W. and M.M. Moore. 1994. Southwestern Ponderosa Forest Structure. Changes since Euro-American settlement. Journal of Forestry, Vol. 92, No. 1. [0228]
- Creel, S., J.E. Fox, A. Hardy, J. Sands, B. Garrott and R.O. Peterson. 2002. Snowmobile activity and glucocorticoid stress responses in wolves and elk. Conservation Biology 16(3):809-814. [0854]
- Czaplewski, R.L. 2004. Application of forest inventory and analysis (FIA) data to estimate the amount of old growth forest and snag density in the Northern Region of the National Forest System. Unpublished report on file, USDA Forest Service, Northern Region, Missoula, MT. [744]

- Dale, V.H, L.A. Joyce, S. McNulty, R.P. Neilson, M.P. Ayres, M.D. Flannigan, P.J. Hanson, L.C. Irland, A.E. Lugo, C.J. Peterson, D. Simberloff, F.J. Swanson, B.J. Stocks, and B.M. Wotton. 2001. Climate change and forest disturbances. BioScience 51:723–734.
- D'Amato, A.W., J.B. Bradford, S. Fraver and B.J. Palik. 2013. Effects of thinning on drought vulnerability and climate response in north temperate forest ecosystems. Ecological Applications, 23(8):1735-1742. [1528]
- DeBano, L.F., D.G. Neary, D.G., and P.F. Folliott. 1998. Fire's effects on ecosystems, Chapters 3 and 4. John Wiley and Sons, New York. [0614]
- DeByle, N.V. and R.P. Winokur. 1985. Aspen: Ecology and Management in the Western United States. RM-GTR110. [1531]
- DeGraaf, R.M. and A.L. Shigo. 1985. Managing cavity trees for wildlife in the Northeast. Gen. Tech. Rep. NE-101. Broomall, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 21 p. [1454]
- DeLuca, T.H. 1999. Soil and Nutrient Considerations. in: Smith, H.Y. ed. 2000. The Bitterroot Ecosystem Management Research Project: What we have learned: symposium proceedings; 1999 May 18-20; Missoula Mt. Proc RMRS-P-17. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 23-25. [0217]
- Denman, K.L., G. Brasseur, A. Chidthaisong, P. Ciais, P.M. Cox, R.E. Dickinson, D. Hauglustaine, C. Heinze, E. Holland, D. Jacob, U. Lohmann, S. Ramachandran, P.L. da Silva Dias, S.C. Wofsy and X. Zhang. 2007. Couplings Between Changes in the Climate System and Biogeochemistry. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M.Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
- Depro, B.M., B.C. Murray and A. Shanks. 2008. Public land, timber harvests, and climate mitigation: Quantifying carbon sequestration potential on U.S. public timberlands. Forest Ecology and Management 255 (2008) 1122–1134. [1401]
- DeVos, A. and S.E. Matel. 1952. The status of lynx in Canada, 1920-1952. Journal of Forestry. 50(10): 742-745. [1455]
- Dixon, R.D. and V.A. Saab. 2000. Black-backed woodpecker (Picoides arcticus) In The Birds of North America, No. 509 (A. Poole and F. Gill, eds). The Birds of North America, Inc. Philadelphia, PA. [0643]
- Douglas, C.W. and M.A. Strickland. 1987. Fisher. Pp. 511-529 In: Novak, M., Baker, M.O., and Malloch, B. eds. Wild Furbearer Management and Conservation in North America. Ministry of Natural Resources, Ontario, Canada. 1150 pp. [0245]
- DuBois, K. No Date. Native Species Coordinator, Montana Dept. of Fish, Wildlife and Park. Region 2 Office, Missoula, MT. Personal communication.
- Duncan, C. 1997. Environmental Benefits of Weed Management: A Technical Summary. Presented at Noxious Weed Management Short Course; 1997 Sept. 22-25; Bozeman, MT. [0049]
- Edwards, P.J. and K. Willard 2010. Efficiencies of forestry best management practices for reducing sediment and nutrient losses in the eastern United States. Journal of Forestry, July/August edition. [1456]

- Egan, J. 2014. Mountain pine beetle status and mortality trends from 2012 to 2013 in Montana and northern Idaho subwatersheds. Report 14-06. U.S.Department of Agriculture, Forest Service, Forest Health Protection, Missoula, MT. 17p. [1457]
- Elliot, W.J. and M. Foltz. 2001. Validation of the FS WEPP interfaces for forest roads and disturbances. Paper Number 01-8009, 2001 American Society of Agricultural Engineers (ASAE) Annual International Meeting, Sacramento CA July 30-August 1, 2001. [0539]
- Elliot, W.J., D.E. Hall and D.L. Scheele. 2002. Disturbed WEPP: WEPP Interfaces for Disturbed Forest and Range Runoff, Erosion and Sediment Delivery. USDA Forest Service, Rocky Mountain Research Station and San Dimas Technology and Development Center, Moscow, ID. [0174]
- Estes, B.L., E.E. Knapp, C.N. Skinner and F.C.C. Uzoh. 2012. Seasonal variation in surface fuel moisture between unthinned and thinned mixed conifer forest, northern California, USA. International Journal of Wildland Fire. [1524]
- Evans, A.M., R.G. Everett, S.L. Stephens and J.A. Youtz. 2011. Comprehensive Fuels Treatment Practices Guide for Mixed Conifer Forests: California, Central and Southern Rockies, and the Southwest. US Forest Service, Forest Guild. [1523]
- Federal Register. 2001. Federal Register Vol 66, No 3, 751-766p
- Fellin, D.G. 1980. A Review of Some Relationships of Harvesting, Residue Management, and Fire to Forest Insects and Disease. In: Environmental Consequences of Timber Harvesting in Rocky Mountain Coniferous Forest. USDA Forest Service, General Technical Report, INT-90:335-414. [1402]
- Ferguson, D.E., C.L. Craig and K.Z. Schneider. 2007. Spotted knapweed (Centaurea biebersteinii DC) response to forest wildfires on the Bitterroot National Forest, MT. Northwest Science, Vol. 81, No. 2. [0808]
- Fettig, C.J., K.D. Klepzig, R.F. Billings, A.S. Munson, T.E. Nebeker, J.F. Negron and J.T. Nowak. 2007. The effectiveness of vegetation management practices for prevention and control of bark beetle infestations in coniferous forests of the western and southern United States. Forest ecology and management. 238(1-3): 24-53 [804]
- Fiedler, C.E. 1995. The basal area-maximum diameter-q (BDq) approach to regulating uneven-aged stands. In: Uneven-aged management: opportunities, constraints and methodologies. O'Hara, K. (ed.). Montana Forest and Conservation Exp. Station, School of Forestry, the University of Montana. pgs. 94-109 [1025]
- Fiedler, C.E. 1996. Silvicultural Applications: Restoring Ecological Structure and Process in Ponderosa Pine Forests. In: Hardy, C.C.; Arno, S.F., eds. The Use of Fire in Forest Restoration. Gen. Tech. Rep. INT-GTR-341. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station: 39-40. [1187]
- Fiedler, C.E. 2000. Restoration Treatments Promote Growth and Reduce Mortality of Old-Growth Ponderosa Pine (Montana). Ecological Restoration 18:2. [0962]
- Fiedler, C.E., R.R. Becker and S.A. Haglund. 1988. Preliminary guidelines foe uneven-aged silvicultural prescriptions in ponderosa pine. In Baumgartner, D.M.; Loten, J.E.; compilers. Ponderosa pine-theExtension.pgs.235-241. [1024]
- Fiedler, C.E., C.E. Keegan and S.F. Arno. 1997. Utilization as a component of restoring ecological process in ponderosa pine forests. In Barbour, R.J.; Skog, K.E., eds. Role of wood production in ecosystem

- management, proceedings. Gen.Tech. Rep. FPL-GTR-100. Madison, WI: US Dept. Of Agriculture, Forest Service, Forest Products Laboratory: 24-28. [0888]
- Fiedler, C.E., P. Friederici, M. Petruncio, C. Denton and W.D. Hacker. 2007. Managing for Old Growth in Frequent-Fire Landscapes. Ecology and Society 12(2):20. [1403]
- Field, C.D., L.D. Mortsch, M. Brklacich, D.L. Forbes, P. Kovacs, J.A. Patz, S.W. Running and M.J. Scott. 2007. North America. Climate change 2007: Impacts, adaptations and vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, M.L. Parry, O.F. Canziani, J.P. Palutikof, P.J. van der Linden, and C.E. Hansen, Eds. Cambridge [788]
- Finkral, A.J. and A.M. Evans. 2008. The effects of a thinning treatment on carbon stocks in a northern Arizona ponderosa pine forest. Forest Ecology and Management 255: 2743-2750. [1404]
- Finney, M.A. 1998. FARSITE: Fire Area Simulator Model development and Evaluation. Res.Pap. RMRS-RP-4. Ogden UT: USDA Forest Service Rocky Mountain Research Station. 47p. [0360]
- Finney, M.A. 2000. Design of Regular Landscape Fuel Treatment Patterns for Modifying Fire Growth and Behavior. USDA Forest Service, Rocky Mountain Research Station. [0212]
- Finney, M.A. Revised 2004. FARSITE: Fire Area Simulator—model development and evaluation. Research Paper RMRS-RP-4 Revised. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. [595]
- Finney, M.A. 2006. An Overview of FlamMap Fire Modeling Capabilities. In: Andrews, Patricia L.; Butler, Bret W., comps. 2006. Fuels Management-How to Measure Success: Conference Proceedings. 28-30 March 2006; Portland, OR. Proceedings RMRS-P-41. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. [1434]
- Fischer, W.C. 1981. Photo Guide for Appraising Downed Woody Fuels in Montana. USDA For. Serv. Gen. Tech. Rep. INT-96. Intermt. For. and Range Exp. Stn, Ogden, Utah Forests, 70 p [0864]
- Fischer, W.C. 1981. Photo guide for appraising downed woody fuels in Montana forests: Interior ponderosa pine, ponderosa pine larch Douglas-fir, larch Douglas-fir, and interior Douglas-fir cover types. Gen. Tech. Rep. INT-GTR-98. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. [1389]
- Fischer, W.C. and A.F. Bradley. 1987. Fire Ecology of Western Montana Forest Habitat Types. General Technical Report INT-GTR-223. Ogden, UT: USDA Forest Service, Intermountain Research Station; 86 p. [0200]
- Fitzgerald, S.A. 2005. Fire Ecology of Ponderosa Pine and the Rebuilding of Fire-Resistant Ponderosa Pine Ecosystems.Gen. Tech. rep. PSW-GTR-198. [1405]
- Fix, D. 1986. Flammulated owls in the western Oregon Cascades. Oregon Birds 13:38-40. [0685]
- Foresman, K.R. 2001. The wild mammals of Montana. Special Publication No. 12, American Society of Mammalogists, Lawrence, KS. 278 p. (Book available for review at District office).
- Fowler, J.F. and C.H. Sieg. 2004. Postfire mortality of ponderosa pine and Douglas-fir: a review of methods to predict tree death. Gen Tech. Rep. RMRS-GTR-132. Fort Collins, CO. USDA Rocky Mountain Research Station. 25p. [0889]
- Fox, J.F. 1978. Forest fires and the snowshoe hare-Canada lynx cycle. Oecologia 31:349-374. [1518]

- Franklin, J.F., T.A. Spies, R. Van Pelt, A.B. Carey, D.A. Thornburgh, D.R. Berg, D.B. Lindenmayer, M.E. Harmon, W.S. Keeton, D.C. Shaw, K. Bible and J. Chen. 2002. Disturbances and structural development of natural forest ecosystems with silvicultural implications, using Douglas-fir forests as an example. Forest Ecology and Management 155: 399-423. [1532]
- Froehlich, H.A. 1978. Soil compaction from low ground-pressure, torsion-suspension logging vehicles on three forest soils. Forest Research Lab; Oregon State University; Research Paper 36; 12pp. [0051]
- Froehlich, H.A. 1980. Predicting soil compaction on forested land. Final Project Report to U.S. Forest Service; Pacific Northwest Forest and Range Experiment Station and Missoula [0066]
- Froehlich, H.A. 1981. The effect of soil compaction by logging on forest productivity. Final Report; Contract no. 53500-CT4-5(N); Bureau of Land Management, Portland, OR., 19 p. [0070]
- Froehlich, H.A., D.W.R. Miles, R.W. Robbins and J.K. Lyons. 1983. Monitoring recovery of compacted skidtrails in Central Idaho. "Soil Monitoring Project Report on Payette National Forest and Boise Cascade Lands. Contract No. 43-0256-2-543, Payette National Forest, McCall, ID, 83638. 58 pp. [0061]
- Froehlich, H.A., D.W.R. Miles and R.W. Robbins. 1985. Soil bulk density recovery on compacted skid trails in Central Idaho. Soil Sci. Soc. Am. J.; 49:1015-1017. [0083]
- Fuller, A.K. and D.J. Harrison. 2005. Influence of partial timber harvesting on American martens in north-central Maine. The Journal of Wildlife Management. 69(2): 710-722. [1458]
- Furniss, M.M. 1965. Susceptibility of Fire-Injured Douglas-Fir to Bark Beetle Attack in Southern Idaho. Journal of Forestry. January 1965. Pp. 8-11 [0131]
- Galik, C.S. and R.B. Jackson. 2009. Risks to forest carbon offset projects in a changing climate. Forest Ecology and Management 257 (2009) 2209–2216.
- Gallant, A.L., A.J. Hansen, J.S. Councilman, D.K. Monte and D.W. Betz. 2003. Vegetation dynamics under fire exclusion and logging in a Rocky Mountain watershed. Ecological Applications 13:385-403. [0645]
- Gan, J. and B.A. McCarl. 2007. Measuring transnational leakage of forest conservation, Ecological Economics 64 (2007), pp. 423–432.
- Giese, C.L.A and F.J. Cuthbert. 2003. Influence of surrounding vegetation on woodpecker nest tree selection in oak forests of the Upper Midwest, USA. Forest Ecology and Mgmt. 179:523-534. [0284]
- Gilbert, B.A. and W. Pierce. 2005. Predicting the availability of understory structural features important for Canadian lynx denning habitat on managed lands in northeastern Washington lynx ranges.

 Western Journal of Applied Forestry. 20(4): 224-227. [1459]
- Giusti, G.A., R.H. Schmidt, R.M. Timm, J E. Borrecco and T.P. Sullivan. 1992. The lagomorphs: rabbits, hares, and pika. In: Black, H.C., tech ed. Silvicultural approaches to animal damage management in Pacific Northwest forests. Gen. Tech. Rep. PNW-GTR-287. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station: 289-307. [1460]
- Goggans, R. 1986. Habitat use by flammulated owls in northeastern Oregon. Master's thesis, Oregon State University, Corvallis, OR. [0262]

- Goggans, R. 1989. Black-backed woodpecker (Picoides arcticus). Pages 88-89 In: Clark, T.W., A.H. Harvey, R.D. Dorn, D.L. Genter, and C. Groves, eds. Rare, sensitive, and threatened species of the greater Yellowstone ecosystem. Northern Rockies Conservation Cooperative, Jackson, WY [1514]
- Goggans, R., R.D. Dixon and L.C. Seminara. 1989. Habitat use by three-toed and black-backed woodpeckers. Oregon Dept. Fish and Wildl. Nongame Rep. 87302. [0646]
- Gomez, A., R.F. Powers, M.J. Singer and W.R. Horwath. 2002. Soil Compaction Effects on Growth of Young Ponderosa Pine Following Litter Removal in California's Sierra Nevada. Soil Sci. Soc. Am J. 66:1334-1343 (2002) [0497]
- Graham, R.T., A.E. Harvey, M.F. Jurgensen, T.B. Jain, J.R. Tonn and D.S. Page-Dumroese. 1994. Managing Coarse Woody Debris in Forest of the Rocky Mountains. Intermountain Research Station, Ogden Utah. Res Paper INT-RP-477. 13pp. [0089]
- Graham, R.T., A.E. Harvey, T.B. Jain and J.R. Tonn. 1999. The effects of thinning and similar stand treatments on fire behavior in Western forests. Gen. Tech. Rep. PNW-GTR-463. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 27 p. [0175]
- Graham, R.T., S. McCaffrey and T.B. Jain. (tech. eds.) 2004. Science basis for changing forest structure to modify wildfire behavior and severity. Gen. Tech. Rep. RMRS-GTR-120. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 43 p. [0130]
- Grange, W. 1965. Fire and tree growth relationships to snowshoe rabbits. In: Proceedings, 4th Tall Timbers fire ecology conference; 1965 March 18-19; Tallahassee, FL. Tallahassee, FL: Tall Timbers Research Station: 111-123.
- Gravelle, J.A., G. Ice, T.E. Link and D.L. Cook. 2009. Nutrient concentration dynamics in an inland Pacific Northwest watershed before and after timber harvest. Forest Ecology and Management 257 (2009) 1663-1675. [1461]
- Gray, R.W. and B.A. Blackwell. 2008. Fuel Management Strategies in 60-Year-Old Douglas-Fir/Ponderosa Pine Stands in the Squamish Forest District, British Columbia. USDA Forest Service PSW-GTR-189. [1526]
- Green, P., J. Joy, D. Sirucek, W. Hann, A. Zack and B. Naumann. 1992. Old-growth forest types on the Northern Region. R1 SES 4/92. USDA Forest Service, Northern Region, Missoula, MT. (errata corrected 2/05) [0132]
- Gresswell, R.E. 1999. Fire and aquatic ecosystems in forested biomes of North America. Transactions of the American Fisheries Society 128:193-221. [0159]
 http://www.nrmsc.usgs.gov/files/norock/publications/Gresswell_1999_TAFS.pdf
- Groves, C., T. Frederick, G. Frederick, E. Atkinson, M. Atkinson, J. Shepard and G. Servheen. 1997. Density, distribution, and habitat of flammulated owls in Oregon. Great Basin Naturalist 57:116-123 [0647]
- Gruell, G.E. 1983. Fire and vegetative trends in the Northern Rockies: interpretations from 1871-1982 photographs. Gen. Tech. Rep. GTR INT-158. USDA Forest Service., Intermountain Forest and Range Experiment Station, Ogden, Utah, USA. [0760]
- Gruver, J.C., and D.A. Keinath. 2006. Townsend's big-eared bat (Corynorhinus townsendii): A technical conservation assessment. Report to the U.S. Department of Agriculture Forest Service, Rocky Mountain Region. [1462] Available online at: http://www.fs.fed.us/r2/projects/scp/assessments/townsendsbigearedbat.pdf

- Gucker, C.L. 2010. Euphorbia esula. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: http://www.fs.fed.us/database/feis/ [2014, February 13].
- Habeck, J.R. and R.W. Mutch. 1973. Fire Dependent Forest in the Northern Rocky Mountains. 1973. Quaternary Research 3:408-424. [1406]
- Habeck, J.R. 1976. Forests, fuels and fire in the Selway-Bitterroot Wilderness, Idaho. Pp 305-353 In: Proceedings, 14th Tall Timbers Fire Ecology Conference and Fire and Land Management Symposium. October 1974, Missoula, MT. Tallahassee, FL Tall Timbers Research Station (published 1976). [0616]
- Habeck, J.R. 1985. Changes in stand structure related to fire history in ponderosapine/Douglas-fir forests in Pattee Canyon, Missoula County, western Montana. Contract completion report. USDA Forest Service. Intermountain Fire Science Laboratory, Missoula, MT.
- Habeck, J.R. 1994. Using general land office records to assess forest succession in ponderosa pine/Douglas-fir forests in western Montana. Northwest Science 68(2):69-78. [0712]
- Hadfield, J.S., R.L. Mathiasen and F.G. Hawksworth. 2000. Douglas-fir Dwarf Mistletoe. Forest Insect and Disease Leaflet 54. USDA Forest Service. 10p. [0805]
- Hamlin, K.L. and J.A. Cunningham. 2009. Monitoring and assessment of wolf-ungulate interactions and population trends within the Greater Yellowstone Area, southwestern Montana, and Montana statewide: Final Report. Montana Department of Fish, Wildlife and Parks, Wildlife Division, Helena, Montana, USA. 83 p. [1088]
- Hammerson, G.A. 1999. Amphibians and Reptiles in Colorado. Second Edition. University Press of Colorado and Colorado Division of Wildlife. 484 pp.
- Hann, W.J. and D.L. Bunnell. 2001. Fire and land management planning and implementation across multiple scales. Int. J. Wildland Fire. 27 p. [598]
- Hanna, W.C. 1941. Nesting of the flammulated screech owl in California. Condor 43:290-291 [0648]
- Han-Sup, H., D. Page-Dumroese, H. Sang-Kyun and J. Tirocke. 2005. Effect of slash, machine passes, and soil wetness on soil strength in a cut-to-length harvesting. USDA Forest Service Gen. Tech. Rep. PSW-GTR-194:10 p. [0218]
- Hardy, R. 1941. Some notes on Utah bats. J. Mammal. 22: 289-295. [1463]
- Hardy, C., R. Ottmar, J. Peterson, J. Core and P. Seamon. (eds.) 2001. Smoke management guide for prescribed and wildland fire. National Wildland Fire Coordinating Group, Fire Use Working Team. PMS 420-2. [0592] Available at http://www.nwcg.gov/pms/pubs/SMG/
- Hansen, R.W., N.R. Spencer, L. Fornasari, P.C. Quimby Jr., R.W. Pemberton and R.M. Nowierski. 2004. Leafy spurge. In: Coombs, Eric M.; Clark, Janet K.; Piper, Gary L.; Cofrancesco, Alfred F., Jr., eds. Biological control of invasive plants in the United States. Corvallis, OR: Oregon State University Press: 233-235. [53011]
- Hargis, C.D. 1996. The influence of forest fragmentation and landscape pattern on American martens and their prey. Salt Lake City, UT: Utah State University. 142 p. Dissertation.
- Hargis, C.D. and J.A. Bissonette. 1995. Effects of forest fragmentation on populations of American marten in the Intermountain West. In: Proulx, Gilbert; Bryant, Harold N.; Woodard, Paul M., eds. Martes:

- taxonomy, ecology, techniques, and management: Proceedings of the 2nd international Martes symposium; 1995 August 12-16; Edmonton, AB. Edmonton, AB: University of Alberta Press: 437-451.
- Hargis, C.D., J.A. Bissonette and D.L. Turner. 1999. The influence of forest fragmentation and landscape pattern on American martens. Journal of Applied Ecology 36: 157-172. [0290]
- Harmon, Mark E. 2009. Testimony before the Subcommittee on National Parks, Forests, and Public Lands of the Committee of Natural Resources for an oversight hearing on "The Role of Federal Lands in Combating Climate Change", March 3, 2009. Includes attachments.
- Harr, R.D., W.C. Harper, J.T. Krygier and F.S. Hsieh. 1975. Changes in storm hydrographs after road building and clear-cutting in the Oregon Coast Range, Water Resour. Res., 11(3), 436–444. [0577]
- Harrington, M.G. and S.S. Sackett. 1992. Past and present fire influences on southwestern ponderosa pine old-growth. Pp. 44-50 in W.R. Kaufmann, W.H. Moir, and R.L. Bassett. Old-growth forests in the Southwest and Rocky Mountain regions: proceedings of a workshop. March 9-13, 1992, Portal, AZ. Gen. Tech. Rep. RM-213. Fort Collins, CO. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. [856]
- Harrington, M. 2007. Research Forester. RMRS, Fire Sciences Lab, USDA Forest Service. Personal Communication.
- Harris, M.A. 1982. Habitat use among woodpeckers in forest burns. Master's thesis, Univ. of Montana, Missoula. [0690]
- Harris, R.B. 1999. Abundance and characteristics of snags in western Montana forests. RMRS-GTR-31.

 Ogden, UT U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 24p.

 [0407]
- Harrod, R.J. 2001. The Effect of Invasive and Noxious Plants on Land Management in Eastern Oregon and Washington. Northwest Science 75: 85-90. [1464]
- Hartford, R.A and W.H. Frandsen. 1992. When it's hot, it's hot...Or maybe it's not! (surface flaming may not portend extensive soil heating). International Journal of Wildland Fire. 2(3):139-144. [1407]
- Harvey, A.E., M.F. Jurgensen and M.J. Larsen. 1981. Organic reserves: importance to ectomycorrhizae in forest soils of Western Montana. Forest Sci. Vol 27(3):442-445. [0079]
- Harvey, A.E., M.F. Jurgensen, M.J. Larsen and R.T. Graham. 1987. Decaying organic materials and soil quality in the Inland Northwest: A management opportunity. USDA, Forest Service, Intermountain Research Station; General Technical Report INT-225, 15p. [0072]
- Harvey, A.E., M.F. Jurgensen and R.T. Graham. 1988. The role of woody residues in soils of ponderosa pine forests. In: Ponderosa Pine: the species and its management; Washington State University Cooperative Extension; Symposium Proceedings; Sept. 29 Oct. 1, 1987, compiled by D.M. Baumgartner and J.E. Lotan. pp 141-147. [0073]
- Hasenyager, R.N., J.C. Pederson and A.W. Haggen.1979. Flammulated owl nesting in a squirrel box. Western Birds 10:224 [0649]
- Hasenyager, R.N. 1980. Bats of Utah. Utah State Division of Wildlife Resources, Salt Lake City. Publ. No. 80-15, 109 pp.
- Hauptman, T.N. 1979. Spatial and temporal distribution and feeding ecology of the pine marten. Pocatello, ID: Idaho State University. 84 p. Thesis.

- Hawkes, C.V., I.F. Wren, D.J. Herman and M.K. Firestone. 2005. Plant invasion alters nitrogen cycling by modifying the soil nitrifying community. Ecology Letters 8:976-985. [0349]
- Hawksworth, F.G. and D. Wiens. 1996. Dwarf Mistletoes: Biology, Pathology, and Systematics. Agriculture handbook 709. USDA Forest Service, Washington, DC. 410 pp. [1023] Available for review upon request at Stevensville Ranger District.
- Hayward, G.D. 1986. Activity patterns of a pair of nesting flammulated owls (Otus flammeolus) in Idaho.

 Northwest Science 60:141-144. [0650]
- Heath, L.S., J.E. Smith, C.W. Woodall, D.L. Azuma, and K.L. Waddell. 2011. Carbon stocks on forestland of the United States, with emphasis on USDA Forest Service ownership. Ecosphere 2(1):art6 doi:10.1890/ES10-00126.
- Heinselman, M.L. 1973. Fire in the virgin forests of the Boundary Waters Canoe Area, Minnesota. Quaternary Research. 3: 329-382. [1465]
- Heidel, B.L. and J.S. Shelly. 2001. The effects of fire on Lemhi penstemon (Penstemon lemhiensis) final monitoring report, 1995-2000. Report to the Beaverhead-Deerlodge National Forest and the Bureau of Land Management, Dillon Field Office. Montana Natural Heritage Program, Helena. 22 pp. plus appendices. [0471]
- Hejl, S. and M. McFadzen. 2000. Maintaining fire-associated bird species across forest landscapes in the northern Rockies. 1998 interim report. USDA FS Research Station, Missoula, MT. [0247]
- Hendricks, P. and J.D. Reichel. 1996. Amphibian and reptile survey of the Bitterroot National Forest: 1995. Montana Natural Heritage Program. Helena, MT. 95 pp. [0376]
- Heninger, R., W. Scott, A. Dobkowski, R. Miller, H. Anderson and S. Duke. 2002. Soil disturbance and 10-year growth response of coast Douglas-fir on non-tilled and tilled skid trails in the Oregon Cascades. Can. J. For. Res. 31: 233-246. [1019]
- Hessburg, P.F. and J.K. Agee. 2003. An environmental narrative of Inland Northwest United States Forests, 1800-2000. Forest Ecology and Management 178: 23-59. [0432]
- Hessburg, P. F., R.B. Salter and K.M. James. 2004. Evidence for Mixed Severity Fires in Pre-management Era Dry Forests of the Inland Northwest, USA. Proceedings of the symposium on mixed-severity fire regimes: ecology and management, Spokane, WA, November 17-19, 2004. Miscellaneous publication: no. 3. 14 p. [0475]
- Heyerdahl, E.K., P. Morgan and J.P. Riser II. 2008. Cross-dated fire histories (1650-1900) from ponderosa pine-dominated forests of Idaho and western Montana. Gen. Tech. Rep. RMRS-GTR-214WWW. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. [1390]
- Hicke, Jeffery A., Craig D. Allen, Ankur R. Desai, Michael C. Dietze, Ronald J. Hall, Edward H (Ted) Hogg, Daniel M. Kashiam, David Moore, Kenneth F. Raffa, Rona N. Sturrock, and James Vogelmann. 2012. Effects of biotic disturbances on forest carbon cycling in the United States and Canada. Global Change Biology (2012) 18, 7-34, doi: 10.1111/j.1365-2496.2011.02543x
- Hillis, J.M., M.J. Thompson, J.E. Canfield, L.J. Lyon, C.L. Marcum, P.M. Dolan and D.W. McCleerey. 1991. Defining elk security. Pp. 38-43 in Christensen, A.G., L.J. Lyon, and T.N. Lonner, comps. Proceedings Elk Vulnerability Symp., Montana State University, Bozeman, MT, April 10-12, 1991. 330 pgs. [0242]

- Hillis, M., A. Jacobs and V. Wright. 2003. U.S. Forest Service Region One black-backed woodpecker assessment. Unpubl. Report, USDA Forest Service, Missoula, MT. 18 pp. [0653]
- Hitchcox, S.M. 1996. Abundance and nesting success of cavity-nesting birds in unlogged and salvage-logged burned forest in northwestern Montana. M.S. Thesis, Univ. of Montana, Missoula, MT. 89 p. [0654]
- Hoffman, R.S., D.L. Pattie and J.F. Bell. 1969. The distribution of some mammals in Montana. II Bats. Jour. Mammalogy 50(4):737-741. [0243]
- Hood, S. and B. Bentz. 2007. Predicting postfire Douglas-fir beetle attacks and tree mortality in the northern Rocky Mountains. Can. J. For. Res. 37:1058-1069. [1027]
- Hood, S., B. Bentz, K. Gibson, K. Ryan and G. DeNitto. 2007. Assessing Post -fire Douglas-fir Mortality and Douglas-fir Beetle Attacks in the Northern Rocky Mountains. Gen Tech Rep.RMRS-GTR-199. Fort Collins, CO. USDA USFS, Rock Mountain Research Station. 31p. [0891]
- Hornocker, M.G. and H.S. Hash. 1981. Ecology of the wolverine in northwestern Montana. Canadian Journal of Zoology 59: 1286-1301. [0714]
- Houghton, R.A. 2003. Revised estimates of the annual net flux of carbon to the atmosphere from changes in land use and land management 1850-2000. Tellus B: 378-390.
- Houghton, R.A. 2005. Aboveground forest biomass and the global carbon balance. Global Change Biology 11: 945-958.
- Howie, R.R. and R. Ritcey. 1987. Distribution, habitat selection and densities of flammulated owls in British Columbia. Pages 249-254 in R.W. Nero, R.J. Clark, R.J. Knapton, and R.H. Hamre, editors. Biology and conservation of northern forest owls. USDA Forest Service General Technical Report, GTR RM-142, Fort Collins, CO. [0251]
- Hoyt, J.S. and S.J. Hannon. 2002. Habitat associations of black-backed and three-toed woodpeckers in the boreal forest of Alberta. Canadian Journal of Forest Research 32:881-1888. [0655]
- Hull-Sieg, C. 1994. Herbicides and fire effects on leafy spurge density and seed germinations. Leafy Spurge News. 16(3): 10.
- Humphrey, S.R. and T.H. Kunz. 1976. Ecology of a pleistocene relict, the western big-eared bat (Plecotus townsendii), in the southern Great Plains. Journal of Mammalogy 57:470-494. [1466]
- Hungerford, R.D. 1995. Effects of fire or fire exclusion on soil sustainability- New Perspectives. (from: Region One, Forest Service, Fire Effects Training Course in March, 1995 at Missoula, MT) [0085]
- Hutto, R.L. 1995. Composition of bird communities following stand-replacement fires in northern Rocky Mountain (U.S.A.) conifer forests. Conservation Biology 9(5):1041-1058. [0241]
- Hutto, R. L., and J. S. Young. 1999. Habitat relationships of landbirds in the Northern Region, USDA Forest Service. USDA For. Serv. Gen. Tech. Rep. RMRS-GTR-32, 72pp. [0240]
- Idaho Department of Fish and Game and Nez Perce Tribe. 2013. 2012 Idaho wolf monitoring progress report. Idaho Department of Fish and Game, 600 South Walnut, Boise, Idaho; Nez Perce Tribe Wolf Recovery Project, P.O. Box 365, Lapwai, ID. 72 pp. [1467]
- Inman, R. 2010. Director, Greater Yellowstone Wolverine Program. Personal communication with D. Lockman. 8/2010.

- Inman, R.M., K.H. Inman, A.J. McCue, M.L. Packila, G.C White and B.C. Aber. 2007a. Wolverine space use in Greater Yellowstone. Chapter 1 In: Greater Yellowstone Wolverine Program Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Bozeman, MT, USA. [1252]
- Inman, R.M., K.H. Inman, M.L. Packila and A.J. McCue. 2007b. Wolverine reproductive rates and maternal habitat in Greater Yellowstone. Chapter 4 In: Greater Yellowstone Wolverine Program Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Bozeman, MT, USA. [1253]
- Innes, R.J. 2011. Cervus elaphus. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: http://www.fs.fed.us/database/feis/ [2014, April 19].
- Interagency Lynx Biology Team. 2013. Canada lynx conservation assessment and strategy. 3rd edition. USDA Forest Service, USDI Fish and Wildlife Service, USDI Bureau of Land Management, and USDI National Park Service. Forest Service Publication #R1-13-19, Missoula, MT. June 13. 116 pp. [1468]
- Interim Air Quality Policy for Wildland and Prescribed Fire. 1998. http://deq.mt.gov/airmonitoring/citguide/glossary.mcpx
- IPCC. 2007. Climate Change 2007: Synthesis Report. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, Pachauri, R.K and Reisinger, A. (eds.)]. IPCC, Geneva, Switzerland, 104 pp.
- Jain. T.B., M.A. Battaglia, H. Han, R.T. Graham, C.R. Keyes, J.S. Fried and J.E. Sandquist. 2012. A Comphresensive Guide to Fuel Management Practices for Dry Mixed Conifer Forests in the Northwestern United States. Gen. Tech. Rep. RMRS-GTR-292. [1408]
- Jedrzejewski, W., K. Schmidt, J. Theuerkauf, B. Jedrzejewska and R. Kowalczyk. 2007. Territory size of wolves Canis lupus: linking local (Bialowieza Primeval Forest, Poland) and Holarctic-scale patters. Ecography 30:66-76. [1469]
- Jenkins, M.J., E. Heberston, W. Page and C. A. Jorgensen. 2008. Bark beetles, fuels, fires and implications for forest management in the Intermountain West,17, 19 p [1391]
- Johnson, P.T.J., K B. Lunde, R.W. Haight, J. Bowerman and A.R. Blaustein. 2001. Ribeiroia ondatrae (Trematoda: Digenea) infection induces severe limb malformations in western toads (Bufo boreas). Canadian Journal of Zoology 79:370-379. [1471]
- Johnson, P.T.J., K.B. Lunde, E.M. Thurman, E.G. Ritchie, S.N. Wray, D.R. Sutherland, J.M. Kapfer, T.J. Frest, J. Bowerman and A.R. Blaustein. 2002. Parasite (Ribeiroia ondatrae) infection linked to amphibian malformations in the western United States. Ecological Monographs 72(2):151-168. [1470]
- Jones, J.L. 1991. Habitat use of fisher in northcentral Idaho. Thesis, University of Idaho, Moscow, USA. [0239]
- Jordan, P. 2006. The use of sediment budget concepts to assess the impact on watersheds of forestry operations in the southern interior of British Columbia. Geomorphology 79 (2006) 27-44 [0546]
- Josefsson, T., E.K. Sutherland, S.F. Arno and L. Ostlund. 2012. Ancient Bark-peeled Trees in the Bitterroot Mountains, Montana: Legacies of Native Land Use and Implications for Their Protection. Natural Areas Journal. Vol. 32(1). [1533]

- Joyce, L.A., G.M. Blate, J.S. Littell, S.G. McNulty, C.I. Millar, S.C. Moser, R.P. Neilson, K. O'Halloran, and D.L. Peterson. 2008. National Forests. In: *Preliminary review of adaptation options for climate-sensitive ecosystems and resources*. A Report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research [Julius, S.H., J.M. West (eds.), J.S. Baron, B. Griffith, L.A. Joyce, P. Kareiva, B.D. Keller, M.A. Palmer, C.H. Peterson, and J.M. Scott (Authors)]. U.S. Environmental Protection Agency, Washington, DC, USA, pp. 3-1 to 3-127. Available online at: http://downloads.climatescience.gov/sap/sap4-4/sap4-4-final-report-Ch3-Forests.pdf
- Jurgensen, M.F., A.E. Harvey, R.T. Graham, D.S. Page-Dumroese, J.R. Tonn, M.J. Larsen and T.B. Jain. 1996. Impacts of Timber Harvesting on Soil Organic Matter, Nitrogen, Productivity, and Health of Inland Northwest Forests. For. Sci. 43(2):234-251. [0493]
- Kalabokidis, K.D. and R.H. Wakimoto. 1992. Prescribed Burning in Uneven-aged Stand Management of Ponderosa Pine/Douglas-Fir Forests. Journal of Environmental Management 34:221-235 [1534]
- Kashian, D.M., W.H. Romme, D.B. Tinker, M.G. Turner and M.G. Ryan 2006. Carbon storage on landscapes with stand-replacing fires. BioScience 56: 598-606. [1435]

 Available online at: http://www.bioone.org
- Keane, R.E. and S.F. Arno. 1996. Whitebark pine ecosystem restoration in western Montana. In: Hardy, Colin C.; Arno, Stephen F., eds. The use of fire in forest restoration. Gen. Tech. Rep. INT-GTR-341.Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. p. 51-53. [0707]
- Keane, R.E. and R.A. Parsons. 2010. Restoring Whitebark Pine Forests of the Northern Rocky Mountains, USA. Ecological Restoration. Vol. 28, No. 1. Pgs 56-70. [1436]
- Keeley, J.E. 2009. Fire intensity, fire severity and burn severity: a brief review and suggested usage. International Journal of Wildland Fire, 18:116-126. [1537]
- Keith, L.B. and D.C. Surrendi. 1971. Effects of fire on a snowshoe hare population. Journal of Wildlife Management 35:16-26. [1472]
- Kelleyhouse, D.G. 1979. Fire/wildlife relationships in Alaska. In: Hoefs, M.; Russell, D., eds. Wildlife and wildfire: Proceedings of workshop; 1979 November 27-28; Whitehorse, YT. Whitehorse, YT: Yukon Wildlife Branch: 1-36. [1473]
- Kendeigh, S.C. 1961. Animal Ecology. Prentice Hall Inc., N.J. pp. 156-159. [0423]
- Keyes, C.R. 2002. Quantifying Stand Targets for silvicultural Prevention of Crown Fires. West. J. appl. For. 17(2):101-109. [1409]
- Kiesecker, J.M. and A.R. Blaustein. 1997. Influences of egg laying behavior on pathogenic infection of amphibian eggs. Conservation Biology 11: 214-220. [1474]
- Kightlinger, J., R. Brassfield, J. Watkins and M. Grimmett. Mountain Lake Survey, Upper Rock Creek Drainage. Bitterroot National Forest, Darby, MT. [1417]
- Kirk, D.A. and B.J. Naylor. 1996. Habitat requirements of the pileated woodpecker (Dryocopus pileatus) with special reference to Ontario. Ontario Ministry of Natural Resources, CRST Tech. Rept. No. 46. 65 pp. [0658]
- Klock, G. 1975. Impact of five postfire salvage logging systems on soils and vegetation. J. Soil and Water. Conserv.; March-April, pp. 78-81. [0055]

- Koch, E.D. and C.R. Peterson. 1995. The Amphibians and Reptiles of Yellowstone and Grand Teton National Parks. University of Utah Press, Salt Lake City, UT. 188 pp.
- Koch, E.D., G. Williams, C.R. Peterson and P.S. Corn. 1996. Conference on declining and sensitive amphibians in the Northern Rockies and the Pacific Northwest: a summary paper. Idaho Herpetological Society Technical Bulletin and U.S. Fish and Wildlife Service Report, Boise, ID.
- Koehler, G.M. 1990. Population and habitat characteristics of lynx and snowshoe hares in north-central Washington. Canadian Journal of Zoology 68:845-851. [1475]
- Koehler, G.M., W.R. Moore and A.R. Taylor. 1975. Preserving the pine marten: management guidelines for western forests. Western Wildlands. Missoula, MT: University of Montana, Montana Forest and Conservation Experiment Station. 2(3): 31-36.
- Koehler, G.M. and M.G. Hornocker. 1977. Fire Effects on Marten Habitat in the Selway-Bitterroot Wilderness. Journal of Wildlife Management. 41(3): 500-505. [0259]
- Koehler, G.M. and J.D. Brittell. 1990. Managing spruce-fir habitat for lynx and snowshoe hares. Journal of Forestry. 88(10): 10-14. [1004]
- Koehler, G.M and K.B Aubry. 1994. Lynx. In: Ruggiero, Leonard F.; Aubry, Keith B.; Buskirk, Steven W.; Lyon, L. Jack; Zielinski, William J., tech. eds. The scientific basis for conserving carnivores: American marten, fisher, lynx, and wolverine in the western United States. Gen. Tech. Rep. RM-254. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station: 74-98. [0335]
- Kovalchik, B.L., W.E. Hopkins and S.J. Brunsfeld. 1988. Major indicator shrubs and herbs in riparian zones on National Forests of central Oregon. R6-ECOL-TP-005-88. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Region. 159 p. [1476]
- Krebs, J., E.C. LoFroth and I. Parfitt. 2007. Multiscale habitat use by wolverines in British Columbia, Canada. Journal of Wildlife Management 71(7): 2180-2192. [1240]
- Kreger, A. and T. Bliss. 1993. Subsoiling Guidelines, Supplement #1, Version #2. Wallowa-Whitman National Forest White Paper. Baker City, OR. [0332]
- Kurz, W.A., C.C. Dymond, G. Stinson, G.J. Rampley, E.T. Neilson, A.L. Carroll, T. Ebata, and L. Safranyik. 2008a. Mountain pine beetle and forest carbon feedback to climate change. Nature 452: 987-990.
- Kurz, W.A., G. Stinson, G.J. Rampley, C.C. Dymond, and E.T. Neilson. 2008b. Risk of natural disturbances makes future contributions of Canada's forest to the global carbon cycle highly uncertain.

 Proceedings of the National Academy of Sciences of the United States of America 105: 1551-1555.
- Lacher, I. and M.L. Wilkerson. 2014. Wildlife Connectivity Approaches and Best Practices in U.S. State Wildlife Action Plans. Conservation Biology, Vol. 00, No. 00, 1-9 [1529]
- Lacy, R.C. and T.W. Clark. 1993. Simulation modeling of American marten (Martes americana) populations: vulnerability to extinction. Great Basin Naturalist 53(3): 282-292. [0720]
- Landres, P.B., P. Morgan and F.J. Swanson. 1999. Overview of the use of natural viability concepts in managing ecological systems. Ecological Applications 9(4): 1179-1188. [0197]
- Langelier, L.A. and E.O. Garton. 1986. Management guidelines for increasing populations of birds that feed on western spruce budworms. USDA Forest Service, Ag. Handbook No. 653.

- Lehmkuhl, J.F., J.G. Kie, L.C. Bender, G. Servheen and H. Nyberg. 2001. Evaluating the effects of ecosystem management alternatives on elk, mule deer, and white-tailed deer in the interior Columbia River basin, USA. Forest Ecology and Management 153:89–104. [1477]
- Leiberg, J.B. 1899. The Bitterroot Forest Reserve. Extract from the Nineteenth Annual Report of the Survey 1897, Part V Forest Reserves. USDI, US Geologic Survey. Washington. Pp. 252-282. [0482]
- LeJeune, K.D. and T.R. Seastedt. 2001. Centaurea Species: the Forb that Won the West. Conservation Biology 15(6):1568-1574. [0275]
- LeMoine, M. 2013. Preliminary data results from 2013 electrofishing and stream temperature data as part of a doctoral thesis. University of Montana, Missoula, MT. [FISH-011]
- Lesica, P. 1996. Using fire history models to estimate proportions of old growth forest in northwest Montana, USA. Biological Conservation 77(1996)33-39. [0276]
- Lewis, L. 1994. Assessment of bat inventory and monitoring data in the Shoshone District BLM. Bureau of Land Management, Shoshone District, Shoshone, ID.
- Linkhart, B.D. 2001. Life history characteristics and habitat quality of flammulated owls in Colorado. Ph.D dissertation, University of Colorado, Boulder, CO. 206 pp. [0659]
- Littell, J.S., D. McKenzie, D.L. Peterson, and A.L. Westerling. 2009. Climate and wildfire area burned in western U.S. ecoprovinces, 1916-2003. Ecological Applications 19: 1003-1021.
- Litvaitis, J.A., J.A. Sherburne and J.A. Bissonette. 1985. Influence of understory characteristics on snowshoe hare habitat use and density. Journal of Wildlife Management 49:866-873. [1478]
- Lockman, B. 2006. Plant Pathologist. Northern Region. USDA Forest Service. Personal Communication.
- LoFroth, E.C. and J. Krebs. 2007. The abundance and distribution of wolverines in British Columbia, Canada. Journal of Wildlife Management 71(7): 2159-2169. [1242]
- Lofroth, E.C., C.M. Raley, J.M. Higley, R.L. Truex, J.S. Yaeger, J.C. Lewis, P. J. Happe, L.L. Finley, R.H. Naney, L. J. Hale, A.L. Krause, S.A. Livingston, A.M. Myers and R.N. Brown. 2010. Conservation of Fishers (Martes pennanti) in South-Central British Columbia, Western Washington, Western Oregon, and California–Volume I: Conservation Assessment. USDI Bureau of Land Management, Denver, CO, USA. [1479]
- Losensky, B.J. 1987. An Evaluation of Noxious Weeds on the Lolo, Bitterroot, and Flathead Forest with Recommendations for Implementation a Weed Control Program. pp 1-18, 33-34, 84-85, 89 [0042]
- Losensky, B.J. 1993. Draft Report. Revision 2. Historical Vegetation in Region One by Climatic Section. Missoula, MT: Northern Region, USDA Forest Service. 55p. [0199]
- Losensky, B.J. 1995. Historic Vegetation Types of the Interior Columbia River Basin. Prepared under Contract INT-94951-RJVA. pp 1-18, 33-34, 84-85, 89 [0483]
- Lotan, J. E., J.K. Brown and L.F. Neuenschwander. 1985. Role of Fire in Lodgepole Pine Forests. In: Baumgartner, D.M., editor. Lodgepole Pine the Species and it's Management, symposium proceedings. Cooperative Extension Service, Washington State University, Pullman, WA: 133-145. [1410]
- Luce, C.H. and T.A. Black. 2001. Spatial and temporal patterns in erosion from forest roads. In Influence Urban and Forest Land Uses on the Hydrologic-Geomorphic Responses of Watersheds, Edited by

- M.S. Wigmosta and S.J. Burges. Water Resources Monographs, American Geophysical Union, Washington, D.C. pp. 165-178. [0379]
- Luce, C., P. Morgan, K. Dwire, D. Isaak, Z. Holden and B. Rieman. 2012. Climate change, forests, fire, water, and fish: Building resilient landscapes, streams, and managers. Gen. Tech. Rep. RMRS-GTR-290.
 Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.
 207 p. [1480] Available online at: <a href="http://www.firescience.gov/projects/08-2-1-15/project/08-2
- Lydersen, J.M., M.P. North and B.M. Collins. 2014. Severity of an uncharacteristically large wildfire, the Rim Fire, in forests with relatively restored frequent fire regimes. Forest Ecology and management, 328:326-334. [1539]
- Lyon, L.J. 1976. Vegetal Development on the Sleeping Child Burn in Western Montana 1961-1973. Intermountain Forest and Range Experiment Station, Ogden UT. Res Paper INT-184. [0362]
- Lyon, L.J. 1983. Road density models describing habitat effectiveness for elk. Journal of Forestry 81(9):592-595. [0267]
- Lyon, L.J. 1984. The Sleeping Child Burn 21 years of Post Fire Change. Intermountain Forest and Range Experiment Station, Ogden UT. Research Paper INT-330. [0366]
- Lyon L. J. and A. G. Christensen. 1990. Toward a workable glossary of elk management terms result of a workshop. 1990 Proceedings of the Western States and Provinces Elk Workshop. [1481]
- MacDonald, L. and J. D. Stednick. 2003. Forests and water: a state-of-the-art review for Colorado. Colorado Water Resources Research Institute Completion Report No. 196, Colorado State University [0552] http://cwrri.colostate.edu
- Madigan, J., D. Wilson and C. Stull. No Date. Wildfires, Smoke and Livestock. School of Veterinary Medicine, University of California, Davis. [1522]
- Magoun, A. J. and J. P. Copeland. 1998. Characteristics of wolverine reproductive den sites. Journal of Wildlife Management 62(4):1313-1320. [0724]
- Maxell, B.A. 2000. Management of Montana's amphibians: a review of factors that may present a risk to population viability and accounts on the identification, distribution, taxonomy, habitat use, natural history, and the status and conservation of individual species. Report to USFS Region 1, Order Number 43-0343-0-0224. University of Montana, Wildlife Biology Program. Missoula, MT. 161 pp [1326]
- Maxell, B.A. 2004. Amphibian and aquatic reptile inventories conducted on and around the Bitterroot National Forest 2000-2003. Report to Region 1 Office of the U.S. Forest Service, Bitterroot National Forest, Montana Dept. of Fish, Wildlife and Parks, and Biological Resources Division of the U.S. Geological Survey. Montana Cooperative Wildlife Research Unit and Wildlife Biology Program, University of Montana, Missoula, MT. 128 pp. [0660]
- Maxell, B.A., P.S. Corn, P. Hendricks, T. Koch, C. Peterson and K. Werner. 1998. Brief overview of boreal toad status in USFS Region 1. Unpublished letter to Region 1 Forest Service. 8 pp.
- McCallum, D.A. 1994. Flammulated Owl (Otus flammeolus). In The Birds of North America, No. 93 (A. Poole and F. Gill, Eds.). Philadelphia: The Academy of Natural Sciences; Washington, D.C.: The American Ornithologists' Union. [0182]
- McCallum, D.A. and F.R. Gehlbach. 1988. Nest-site preferences of flammulated owls in western New Mexico. Condor 90:653-661. [0282]

- McClelland, B.R. 1977. Relationships between hole-nesting birds, forest snags, and decay in western larch-Douglas-fir forests of the northern Rocky Mountains. Ph.D dissertation, University of Montana, Missoula, Montana. 432 pp. plus appendices. [0857]
- McCune, B. 1983. Fire frequency reduced two orders of magnitude in the Bitterroot Canyons, MT. Can. J. For. Res. 13:212-218. [0198]
- McIver, J.D. and L. Starr, eds. 2000. Environmental effects of postfire logging: literature review and annotated bibliography. Gen. Tech. Rep. PNW-GTR-486. Portland Oregon: USDA Forest Service, Pacific Northwest Research Station. 72 p. [0225]
- McIver, J.D. and L. Starr. 2001. A Literature Review on the Environmental Effects of Postfire Logging. Western Journal of Applied Forestry, Volume 16, Number 4, 1 October 2001, pp. 159-168(10). [0460]
- McIver, J., S. Stephens, J. Agee, J. Barbour, R. Boerner, C. Edminster, K. Erickson, K. Farris, C. Fettig, C. Fiedler, S. Haase, S. Hart, J. Keeley, E. Knapp, J. Lehmkuhl, J. Moghaddas, W. Otrosina, K. Outcalt, D. Schwilk, C. Skinner, T. Waldrop, C. Weatherspoon, D. Yaussy, A. Youngblood and S. Zack. 2013. Ecological effects of alternative fuel-reduction treatments: highlights of the National Fire and Fire Surrogate study. International Journal of Wildland Fire 2013, 22, 63–82 [1482] Available online at: http://www.publish.csiro.au/?act=view_file&file_id=WF11130.pdf
- McKelvey, K.S., K.B. Aubry and Y.K. Ortega. 2000. History and distribution of lynx in the contiguous United States. Pages 207-264 in: Ruggiero, L.F., K.B. Aubry, S.W. Buskirk, G.M. Koehler, C.J. Krebs, K.S. McKelvey and J.R. Squires (Tech Eds). Ecology and conservation of lynx in the United States. Univ. Press of Colorado. Boulder, CO. 480 p. Available online at: http://www.fs.fed.us/rm/pubs/rmrs_gtr030.pdf [1087]
- McKinley, D.C., M.G. Ryan, R.A. Birdsey, C.P. Giardina, M.E. Harmon, L.S. Heath, R.A. Houghton, R.B. Jackson, J.F. Morrison, B.C. Murray, D.E. Pataki, and K.E. Skog. 2011. A synthesis of current knowledge on forests and carbon storage in the United States. In press. Ecological Applications.
- McLeod, L. and Williams. 2003. Site Identification Strategy Prepared for the Bitterroot, Flathead and Lolo National Forests, USDA Forest Service, Northern Region (Montana and Idaho). [Access restricted under 16USC 470hh, (ARPA) Sec. 9(a) and 36CFR297.18(a) due to site sensitive information.]
- McRae, D.J., L.C. Duchesne, B. Freedman, T.J. Lynham and S. Woodley. 2001. Comparisons between wildfire and forest harvesting and their implications in forest management. Environ. Rev. 9: 223-260. [1535]
- Mech, L.D. and L. Boitani. 2003. Wolves: Behavior, Ecology and Conservation. University of Chicago Press.
- Megahan, W.F. 1972. Logging, erosion, sedimentation are they dirty words? Journal of Forestry, July 403-407. [0621]
- Mellen, K., E.C. Meslow and W. Mannan. 1992. Summertime home range and habitat use of pileated woodpeckers in western Oregon. Journal of Wildlife Management. 56(1):96-103. [0279]
- Meurisse, R.T. 1987. Soil Productivity Protection and Improvement: Objectives, Policy, and Standards in the Pacific Northwest Region of the Forest Service. in: Slaugher, C.W., Gassbarre, T. eds. Proceedings of the Alaska forest Soil Productivity Workshop; 1987, April 28-30; Anchorage, Ak. Gen. Tech. Rep. PNW-219. Portland, Oregon: U.S. Department of Agriculture, Forest Service. 63-68. [0220]

- Meyer, R. 2007. Martes pennanti. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: http://www.fs.fed.us/database/feis/ [2014, May 23].
- Millar, Constance I., Nathan L. Stephenson, and Scott L. Stephens. 2007. Climate Change and Forests of the Future: Managing in the Face of Uncertainty. Ecological Applications: Vol. 17, No. 8, pp. 2145-2151.
- Mitchell, R.G., R.H. Waring and G.B. Pitman. 1983. Thinning Lodgepole Pine Increases Tree Vigor and Resistance to Mountain Pine Beetle. Forest Science, Volume 29, Number 1, pp. 204-211(8) [1411]
- Mitchell , S.R., M.E. Harmon, and K.E.B. O'Connell. 2009. Forest fuel reduction alters fire severity and long-term carbon storage in three Pacific Northwest ecosystems. Ecological Applications 19: 643-655.
- Moen, R., G. Niemi, C.L. Burdett and L.D. Mech. 2004. Canada lynx in the Great Lakes region, 2004 annual report to USDA Forest Service and Minnesota Cooperative Fish and Wildlife Research Unit. Natural Resources Research Institute Technical Report No. NRRI/TR-2004-33. [1483]
- Monnig, E. and J. Byler. 1992. Forest Health and Ecological Integrity in the Northern Rockies. USDA Forest Service, Northern Region, Forest Pest Management Report 92-7. Missoula, MT. 18p.
- Montana Department of Environmental Quality. 2008. Memorandum of Understanding between USFS Region 1 and the State of Montana. [1073]
- Montana Department of Environmental Quality. 2011. Bitterroot River TMDL. Available at http://www.deg.mt.gov/wginfo/TMDL/finalReports.mcpx
- Montana Department of Environmental Quality. 2011. Bitterroot Temperature & Tributary Sediment TMDLs Attachment A in Bitterroot Temperature and Tributary Sediment Total Maximum Daily Loads and Framework Water Quality Improvement Plan. Helena, MT: Montana Dept. of Environmental Quality. http://deg.mt.gov/wginfo/TMDL/BitterrootTemp_Sediment/AttA_FLIR.pdf
- Montana Department of Environmental Quality. 2012. Clean Water Act Section 303(d) list of impaired waterbodies submitted to Environmental Protection Agency for reporting year 2012. Montana Department of Environmental Quality, Helena, MT. Available online at http://deq.mt.gov/wginfo/cwaic/reports.mcpx
- Montana Department of Fish, Wildlife and Parks. 2004. Montana statewide elk management plan 2004, amended. Wildlife Division. Helena, MT. 397 pp. [0682]
- Montana Department of Fish, Wildlife and Parks (MTFWP). 2007. Memorandum of understanding and conservation agreement for westslope cutthroat trout and Yellowstone cutthroat trout in Montana. Helena, MT.
- Montana Department of Fish, Wildlife and Parks. 2010. Letter to USFWS regarding Fisher Status Review. Dated Nov 9, 2010. 6 pp.
- Montana Department of Fish, Wildlife and Parks (MTFWP). 2012. Fish Presence-Absence Sites: Bitterroot River Drainage MT. Montana Fish, Wildlife and Parks, Hamilton, MT.
- Montana Department of Fish, Wildlife and Parks. 2013. Montana Field Guide. http://fieldquide.mt.gov
- Montana Department of Fish, Wildlife and Parks. 2014. Montana Field Guide. http://fieldquide.mt.gov
- Montana Department of Natural Resources and Conservation (DNRC). 2005. Aquatic Conservation Strategies for Bull Trout, Westslope Cutthroat Trout, and Columbia Redband Trout. Montana DNRC

- Forested Trust Land Habitat Conservation Plan. Missoula, MT. [1263] http://dnrc.mt.gov/HCP/Documents/ConsStrategies/Aquatics.pdf
- Montana Department of Natural Resources and Conservation. 2006. Montana Guide to Streamside Management Zone Law and Rules. Missoula MT. [0564]
- Montana Department of Natural Resources and Conservation, Forestry Division. 2012. Forestry BMP Audit Report. Missoula MT. 62p. [1385]
- Montana Department of Natural Resources and Conservation. 2012. Forestry Best Management Practices(BMP's). Forestry Assistance Bureau. [1385] http://dnrc.mt.gov/forestry/Assistance/Practices/bmp.asp
- Montana/Idaho Airshed Group. http://smokemu.org/map.cfm
- Montana Natural Heritage Program (MNHP). 2014. Accessed at: http://mtnhp.org/Tracker/NHTMap.aspx. Accessed on April 8, 2014.
- MNHP. 2007. Montana Natural Heritage Program database.. Montana Natural Resource Information System. Montana State Library, Helena, MT. http://nhp.nris.state.mt.us/ Montana Plant Species of Concern Report. Montana Natural Heritage Program. Retrieved on 3/14/2014, from http://mtnhp.org/SpeciesOfConcern/?AorP=p
- MNHP. 2010. Montana Natural Heritage Program. Plant Species of Concern. Montana Natural Resource Information System. Montana State Library, Helena, MT. http://mtnhp.org/docs/2010_Plant_SOC.pdf
- Monthey, R.W. 1986. Responses of snowshoe hares, Lepus americanus, to timber harvesting in northern Maine. Canadian Field-Naturalist 100:568-570. [1519]
- Moore, M.W., W.W. Covington and P.Z. Fule. 1999. Reference Conditions and Ecological Restoration: A Southwestern Ponderosa Pine Perspective. Ecological Applications. Vol. 9, No. 4. [1536]
- Morgan, T. A., C.E. Fielderand and C.W. Woodall. 2002. Characteristics of dry site old-growth ponderosa pine in the Bull Mountains of Montana. Natural Areas Journal 22:11-39.
- Morrison, I.K. and N.W. Foster. 1979. Biomass and element removal by complete-tree harvesting of medium rotation forest stands. In: Proceedings of the Impact of Intensive Harvesting on Forest Nutrient Cycling; College of Environmental Science and Forestry; State University of New York, Syracuse, NY. pp. 111-129. [0095]
- Morrison, M.L., B.G. Marcot and R.W. Mannan. 1992. Habitat fragmentation. Pp. 41-97 in Morrison, M.L., B.G. Marcot, and R.W. Mannan. Wildlife-habitat relationships: concepts and applications. University of Wisconsin Press. 364 pp. [0424]
- Mote, P.W. 2003. Trends in temperature and precipitation in the Pacific Northwest during the twentieth century. Northwest Science, Vol. 77, No. 4, pages 217-282. [0799]
- Mote, P., E. Salathé and C. Peacock. 2005. Scenarios of future climate for the Pacific Northwest. Climate Impacts Group, University of Washington. 13 p. [799] www.cses.washington.edu/db/pdf/kc05scenarios462.pdf
- Mowat, G., K.G. Poole and M. O'Donoghue. 2000. The ecology of lynx in northern Canada and Alaska. In Ecology and conservation of lynx in the United States. Chap. 13. Edited by L.F. Ruggiero, K.B. Aubry, S.W. Buskirk, G.M. Koehler, C.J. Krebs, K.S. McKelvey, and J.R. Squires. University Press of Colorado, Boulder, Colo. pp. 265–306. [1087]

- Murphy, E.C. and W.A. Lehnhausen. 1998. Density and foraging ecology of woodpeckers following a stand replacement fire. Journal of Wildlife Management 62: 1359-1372. [0231]
- Murray, B.C. 2008. Leakage from an avoided deforestation compensation policy: Concepts, empirical evidence, and corrective policy options. Nicholas Institute for Environmental Policy Solutions, Duke University, Durham, NC. 32p.
- Naney, R H., L.L Finley, EC. Lofroth, P. J. Happe, A L. Krause, C.M. Raley, R L. Truex, L.J. Hale, J.M. Higley, A. D. Kosic, J.C. Lewis, S.A. Livingston, D.C. Macfarlane, A.M. Myers and J.S. Yaeger. 2012.
 Conservation of Fishers (Martes pennanti) in South-Central British Columbia, Western Washington, Western Oregon, and California–Volume III: Threat Assessment. USDI Bureau of Land Management, Denver, CO, USA. [1485]
- National Ambient Air Quality Standards (NAAQS). http://www.epa.gov/air/criteria.html
- NatureServe. 2014. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, VA. Available http://www.natureserve.org/explorer. (Accessed: January 10, 2014).
- NatureServe. 2014. NatureServe Explorer: an online encyclopedia of life. Available online at http://www.natureserve.org/explorer/ [0661]
- Nauman, J.R. 1988. Uneven-aged management: practice, issue, or cause. . In Baumgartner, D.M.; Loten, J.E.; compilers. Ponderosa pine- the species and its management. Pullman, WA; Washington State University Cooperative Extension. 235-241. [0892]
- Neary, D.G., C.C. Klopatek, L.F. DeBano and P.F. Ffolliott. 1999. Fire effects on belowground sustainability: a review and synthesis. Forest Ecology and Management, Volume 122, Number 1, 13 September 1999, pp. 51-71(21). [0462]
- Negron, J.F., W.C. Schaupp Jr., K.E. Gibson, J. Anhold, D. Hansen, R. Thier and P. Mocettini. 1999. Estimating extent of mortality associated with the Douglas-fir beetle in the Central and Northern Rockies. Western Journal of Applied Forestry 14: 121-127. [0321]
- New Mexico Department of Game and Fish. 1997. Fish and Wildlife Information Exchange--VA Tech.
- North American Bird Conservation Initiative, U.S. Committee. 2014. The State of the Birds 2014 Report. U.S. Department of Interior, Washington, D.C. 16 pages.
- North, M., M. Hurteau, and J. Innes. 2009. Fire suppression and fuels treatment effects on mixed-conifer carbon stocks and emissions. Ecological Applications, 19(6), 2009, pp. 1385–1396.
- Northern Region. 2007. Integrated Restoration and Protection Strategy in the Northern Region Overview. http://www.fs.usda.gov/detail/r1/landmanagement/resourcemanagement/?cid=stelprdb5315703
- Nussbaum, R.A., E.D. Brodie, Jr. and R.M. Storm. 1983. Amphibians and Reptiles of the Pacific Northwest. Univ. of Idaho Press, Moscow.
- NWCG Wildland Fire Incident Management Field Guide. January 2014. PMS 210 121-123. http://www.nwcg.gov/pms/pubs/pms210/index.htm
- Oliver, C.D., D.E. Ferguson, A.E. Harvey, H.S. Malany, J.M. Mandzak and R W. Mutch. 1994. Managing ecosystems for forest health: an approach and the effects on uses and values. Journal of Sustainable Forestry. 2(1/2): 113-133. [1486]

- Oliver, C.D. and B.C. Larson. 1996. Forest Stand Dynamics. Update Edition. New York: John Wiley and Sons, Inc. 520pp. [0363]
- Oliver, C.D., A. Osawa and A. Camp. 1998. Forest dynamics and resulting animal and plant population changes at the stand and landscape levels. Journal of Sustainable Forestry. 6(3-4): 281-312.
- Olson, B.E. 1999. Impacts of Noxious Weeds on Ecologic and Economic Systems, pp. 4-18 in: R. Sheley and J. Petroff (eds.), Biology and Management of Noxious Rangeland Weeds. Oregon State University Press, Corvallis. [0957]
- Olson, D.H. 1992. Ecological susceptibility of high elevation Oregon anuran amphibians to population fluctuations. Abstract, 6th Annual Meeting of the Society for Conservation Biology, p. 102.
- Olson, D.H., W.P. Leonard and R B. Bury (eds). 1997. Sampling Amphibians in Lentic Habitats: Methods and Approaches for the Pacific Northwest (Northwest Fauna 4). Society for Northwestern Vertebrate Biology, Olympia, Washington. 134 pp.
- Olson, L.E., J.D. Sauder, N.M. Albrecht, R.S. Vinkey, S.A. Cushman and M.K. Schwartz. 2014. Modeling the effects of dispersal and patch size on predicted fisher (Pekania [Martes] pennanti) distribution in the U.S. Rocky Mountains. Biological Conservation 169: 89-98. [1427]
- Otrosina, W.J., S. Sung and L. White. 1996. Effects of subsoiling on lateral roots, sucrose metabolizing enzymes, and soil ergosterol in two Jeffrey pine stands. Tree Physiology 16, 1009-1031. [1161]
- Page-Dumroese, D., M. Jurgensen, W. Elliot, T. Rice, J. Nesser, T. Collins and R. Meurisse. 2000. Soil quality standards and guidelines for forest sustainability in northwestern North America. Forest Ecology and Management 138:445-462. [0329]
- Page-Dumroese, D., M. Jurgensen, A.Tiarks, F. Ponder Jr., F. Sanchez, R. Fleming, J. Kranabetter, R. Powers, D. Stone, J. Elioff and D. Scott. 2006. Soil physical property changes at the North American Long-Term Soil Productivity study sites: 1 and 5 years after compaction. Can.J. For. Res. Vol. 36: 551-564 [0445]
- Palviainen, M., L. Finer, A. Kurka, H. Mannerkoski, S. Piirainen and M. Starr. 2004. Release of potassium, calcium, iron and aluminum from Norway spruce, Scots pine and silver birch logging residues. Plant and Soil 259:123-136. [0330]
- Parker, G.R., J.W. Maxwell, L.D. Morton and G.E.J. Smith. 1983. The ecology of the lynx (Lynx canadensis) on Cape Breton Island. Canadian Journal of Zoology 61:770-786. [1487]
- Parrett, C., S.H. Cannon and K.L. Pierce. 2003. Wildfire-Related Floods and Debris Flows in Montana in 2000 and 2001. U.S. Geological Survey, Water-Resources Investigations Report 03-4319:22 p. [0214]
- Payer, D.C. 1999. Influences of timber harvesting and trapping on habitat selection and demographic characteristics of marten. Orono, ME: The University of Maine. 298 p. Dissertation.
- Pearson, O.P., M.R. Koford and A.K. Pearson. 1952. Reproduction of the lump-nosed bat (Corynorhinus townsendii) in California. J. Mammalogy 33:273-320. [0663]
- Perry, D. A., P. Hessburg, C. Skinner, T. Spies, S. Stephens, A. Taylor, J. Franklin, B. McComb and G. Riegel. 2011. The ecology of mixed severity fire regimes in Washington, Oregon, and Northern California. Forest Ecology and Management. 262(2011)703-717. [1412]
- Pfister, R.D., B.L. Kavalchik, S.F. Arno and R.C. Presby. 1977. Forest habitat types of Montana. USDA Forest Service Intermt. Forest and Range Exp. Station, Gen. Tech Rep. INT-34. 174 pp. [0053]

- Pierson, E.D., M.C. Wackenhut, J.S. Altenback, P. Bradley, P. Call, D.L. Genter, C.E. Harris, B.L. Keller, B. Lengus, L. Lewis, B. Luce, K.W. Navo, J.M. Perkins, S. Smith and L. Welch. 1999. Species conservation assessment and strategy for Townsend's big-eared bat (Corynorhinus townsendii townsendii and Corynorhinus townsendii pallescens). Idaho Conservation Effort, Idaho Department of Fish and Game, Boise, Idaho. [1488]
- Pierson, E.D., and W.E. Rainey. 1998. The distribution, status, and management of Townsend's big-eared bat (Corynorhinus townsendii) in California. California Department of Fish and Game, Bird and Mammal Conservation Program Report 96-7, Sacramento, CA. [1489]
- Pilliod, D.S., E.L. Bull, J.L. Hayes and B C. Wales. 2006. Wildlife and invertebrate response to fuel reduction treatments in dry coniferous forests of the western United States: a synthesis. Gen. Tech. Rep. RMRS-GTR-173. Fort Collins, CO: USDA, Forest Service, Rocky Mountain Research station. 34 p. [0664]
- Pimentel, D., R. Zuniga and D. Morrison. 2004. Update on the environmental and economic costs associated with alien-invasive species in the United States. Ecological Economics 52 (2005) 273-288. [1490]
- Plotnikoff, M.R., C.E. Bulmer and M.G. Schmidt. 2002. Soil properties and tree growth on rehabilitated forest landings in the interior cedar hemlock biogeoclimatic zone: British Columbia. Forest Ecology and Management 170: 199-215. [0871]
- Pollet, J. and P.N. Omi. 2002. Effect of thinning and prescribed burning on crown fire severity in ponderosa forests. International Journal of Wildland Fire 11:1-10. [0050]
- Poole, K.G., A.D. Porter, A. de Vries, C. Maundrell, S.C. Grindal and C.C. St. Clair. 2004. Suitability of a young deciduous-dominated forest for American marten and the effects of forest removal. Canadian Journal of Zoology. 82(3): 423-435. [1491]
- Poole, K.G., L.A. Wakelyn and P.N. Nicklen. 1996. Habitat selection by lynx in the Northwest Territories. Canadian Journal of Zoology. 74(5): 845-850. [1492]
- Poole, K.G. and G. Mowat. 2005. Winter habitat relationships of deer and elk in the temperate interior mountains of British Columbia. Wildlife Society Bulletin 33:1288–1302. [1493]
- Potvin, F. and L. Breton. 1995. Short-term effects of clearcutting on martens and their prey in the boreal forest of western Quebec. In: Proulx, Gilbert; Bryant, Harold N.; Woodard, Paul M., eds. Martes: taxonomy, ecology, techniques, and management: Proceedings of the 2nd international Martes symposium; 1995 August 12-16; Edmonton, AB. Edmonton, AB: University of Alberta Press: 452-474.
- Powell, H.D.W. 2000. The influence of prey density on post-fire habitat use of the black-backed woodpecker. Master's thesis, University of Montana, Missoula. [0248]
- Powell, R.A. 1979. Fishers, population models, and trapping. Wildlife Society Bulletin 7(3): 149-154. [1243]
- Powell, R. A. and W. J. Zielinski. 1994. Fisher. Pages 38-73 in L.F. Ruggiero, K.B. Aubry, S.W. Buskirk, and W.J. Zielinski, eds. The scientific basis for conserving forest carnivores: American marten, fisher, lynx, and wolverine. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, General Technical Report RM-254, Fort Collins, CO, USA. [0335]
- Powell, R. A., S.W. Buskirk and W.J. Zielinski. 2003. Fisher and marten (Martes pennanti and Martes americana). In: Feldhamer, George A.; Thompson, Bruce C.; Chapman, Joseph A., eds. Wild

- mammals of North America: Biology, management, and conservation. 2nd ed. Baltimore, MD: The Johns Hopkins University Press: 635-649. [1494]
- Powers, R.F. 1990. Are we maintaining the productivity of forest lands? Establishing guidelines through a network of long-term studies. in: Harvey, A.E., and L.F. Neuenschwander eds. Proceedings Symposium on Management and Productivity of Western-Montana Forest Soils, Boise, ID, 1990 April 10-12. p 70-81. [0223]
- Powers, R.F., F.G. Sanchez, D. A. Scott and D. Page-Dumroese. 2004. The North American Long-term Soil Productivity Experiment: coast-to-coast findings from the first decade. USDA, Forest Service Proceedings; RMRS-P-34, pp. 191-206. [0032]
- Powers, R.F., D.A. Scott, F.G. Sanchez, R.A. Voldseth, D. Page-Demroese and J.D. Elioff. 2005. The North American Long-Term Soil Productivity Experiment. Finding from the First Decade of Research. Forest Ecology and Management (accepted, to be published later this year). [0331]
- Pregitzer, K.S. and E.S. Euskirchen 2004. Carbon cycling and storage in world forests: biome patterns related to forest age. Global Change Biology 10: 2052-2077. [1437]

 Available online at: http://www3.interscience.wiley.com/cgi-bin/fulltext/118805398/PDFSTART
- Programmatic Agreement Among the United States Department of Agriculture, Forest Service, Northern Region (Montana), the Advisory Council on Historic Preservation and the Montana State Historic Preservation Officer Regarding Cultural Resources Management on National Forests in the State of Montana.
- Quigley, Thomas M.; Arbelbide, Sylvia J.; technical editors. 1997. An Assessment of Ecosystem Components in the Interior Columbia Basin and Portions of the Klamath and Great Basins. 4 volumes. [[0569]
- Quinn, N.W. S. and G. Parker. 1987. Lynx. In: Novak, Milan; Baker, James A.; Obbard, Martyn E.; Malloch, Bruce, eds. Wild furbearer management and conservation in North America. North Bay, ON: Ontario Trappers Association: 683-694 [0425]
- Rapp, V. 2006. Elk, deer and cattle: The Starkey Project. Science Update, Issue 13. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 11 p. [1495]
- Rasmussen, L.A, G.D. Amman, J.C. Vandygriff, R.D. Oakes, A.S. Munson and K.E. Gibson. 1996. Bark beetle and wood borer infestation in the Greater Yellowstone Area during four postfire years. Res. Pap. Int-RP-487. Ogden, UT: USDA, Intermountain Research Station. 10p. [0383]
- Reichel, J.D. 1995. Preliminary amphibian and reptile survey of the Lewis and Clark National Forest: 1994. Montana Natural Heritage Program. Helena, MT. 92 pp. [1012]
- Reichel, J.D. 1996. Preliminary amphibian and reptile survey of the Helena National Forest:1995. Montana Natural Heritage Program. Helena, MT 59620-1800. 87 pp. [1515]
- Reichel, J.D. 1997. Amphibian, reptile and northern bog lemming survey on the Rocky Mountain Front: 1996. Montana Natural Heritage Program. Helena, MT. 81 pp. [1496]
- Reinhardt, E. and L. Holsinger. 2010. Effects of fuel treatments on carbon-disturbance relationships in forests of the northern Rocky Mountains. Forest Ecol. Manage. (2010), doi:10.1016/j.foreco.2010.01.015.

- Relyea, C., G.W Minshall and R. Danehy. (2011) Development and Validation of an Aquatic Fine Sediment Biotic Index. Environmental Management. DOI 10.1007/s00267-011-9784-3 [1416] http://link.springer.com/article/10.1007/s00267-011-9784-3
- Reynolds, R.T. and B.D. Linkhart. 1984. Methods and materials for capturing and monitoring flammulated owls. Great Basin Nat. 44:49-51. [0666]
- Reynolds, R.T. and B.D. Linkhart. 1987. In R.W. Nero, R.J. Clark, R.J. Knapton, and R.H. Hamre, editors.

 Biology and conservation of northern forest owls. USDA Forest Service, Gen. Tech. Rep. RM-142.

 [0665]
- Reynolds, R.T. and B.D. Linkhart. 1992. Flammulated owls in ponderosa pine: evidence of preference for old growth. Pages 166-169 in M. R. Kaufmann, W. H. Moir and R. L. Bassett, technical coordinators. Old Growth forests in the Southwest and Rocky Mountain Regions. USDA Forest Service General Technical Report, GTR RM-213, Fort Collins, CO. [0250]
- Reynolds, R.T. and B.D. Linkhart. 1998. Flammulated Owl (OTUS FLAMMEOLUS). Pages 140-144 in R. L. Glinski, editor. Raptors of Arizona, University of Tucson Press, Tucson, AZ.
- Rice, P.M. 2003, Dec. Cheatgrass (Bromus tectorum) in Forest Habitats: A Literature Review. University of Montana, Division of Biological Sciences, Missoula, MT. [0045]
- Rieman, B. and J.D. McIntyre. 1993. Demographic and habitat requirements for conservation of bull trout. USDA Forest Service Intermountain Research Station General Technical Report INT-302. Boise, ID. [0097]
- Rippy, R.C., J.E. Stewart, P.J. Zambino, N.B. Klopfenstein, J.M. Tirocke, M. Kim and W.G. Theis. 2005. Root diseases in coniferous forests of the Inland West: potential implications of fuels treatments. Gen. Tech. Rep. RMRS-GTR-141. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 32 p. [0793] http://www.fs.fed.us/rm/publications/titles/rmrs_gtr.html
- Ritchie, C. 2008. Management and challenges of the mountain pine beetle infestation in British Columbia. Alces. 44: 127-135. [1497]
- Robinson, M., M.P. Donovan and T.D. Schwaner. 1998. Western toad, Bufo boreas, in southern Utah: notes on a single population along the East Fork of the Sevier River. Great Basin Nat. 58:87-89. [1498]
- Robichaud, P. 2000. Fire effects on infiltration rates after prescribed fire in Northern Rocky Mountain Forests, USA. Journal of Hydrology 231:220-229. [0528]
- Robichaud, P.R., J.L. Beyers and D.G. Neary. 2000. Evaluating the Effectiveness of Post-fire Rehabilitation Treatments. US Department of Agriculture, Rocky Mountain Research Station; General Technical Report RMRS-GTR-63. ppg 17-19 [0033]
- Romme, W.H., J. Clement, J. Hicke, D. Kulalowski, L.H. MacDonald, T.L. Schoennagel and T.T. Velben. 2006. Recent forest insect outbreaks and fire risk in Colorado forests: A brief synthesis of relevant research. Colorado Forest Restoration Institute, Colorado State University. 24 p. [0798]
- Rosgen, D. 1996. Applied River Morphology. Wildland Hydrology, Pagosa Springs, CO [0150]
- Rothermel. R.C. 1972. A Mathematical Model for Predicting Fire Spread in Wildland Fuels Forest Service Res Paper INT-115, 40 p. Intermountain Forest and Range Experiment Station, Ogden UT. [0338]

- Rothermel, R.C. 1983. How to predict the spread and intensity of forest and range fires. Gen. Tech. Rep. INT-143. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station [601]
- Rothermel, R.C. 1991. Predicting behavior and size of crown fires in the northern Rocky Mountains. Res. Pap. INT-438. Ogden, UT: USDA, Forest Service, Intermountain Research Station. 46 p. [0618]
- Rowland, M.M., M.J. Wisdom, B K. Johnson and J.G. Kie. 2000. Elk distribution and modeling in relation to roads. Journal of Wildlife Management 64:672-684. [1136]
- Ruediger, B., J. Claar, S. Gniadek, B. Holt, L. Lewis, S. Mighton, B. Naney, G. Patton, T. Rinaldi, J. Trick, A. Vandehey, F. Wahl, N. Warren, D. Wenger and A. Williamson. 2000. Canada lynx conservation assessment and strategy. USDA Forest Service, USDI Fish and Wildlife Service, USDI Bureau of Land Management, and USDI National Park Service. Forest Service Publication #R1-00-53, Missoula, MT. 142 pp. [0135]
- Ruggiero, L.F., Pearson, D.E. and S.E. Henry. 1998. Characteristics of American marten den sites in Wyoming. J. Wildl. Mgmt. 62(2): 663-673. [0730]
- Ruggiero, L.F., K.S. McKelvey, K.B. Aubry, J.P. Copeland, D.H. Pletscher and M.G. Hornocker. 2007. Wolverine conservation and management. J.Wildl. Manage. 71(7): 2145-2146. [1134]
- Running, S.W. 2006. Is global warming causing more, larger wildfires. Science Express, Vol. 313 No. 5789, pages 927-928. www.sciencemag.org/cgi/reprint/313/5789/927.pdf [0792]
- Ryan, K.C. and G.D. Amman. 1994. Interactions between fire-injured trees and insects in the Greater Yellowstone Area. [0009]
- Ryan, K.C. and G.D. Amman. 1996. Bark Beetle activity and delayed tree mortality in the Greater Yellowstone Area following the 1988 fires. In Greenlee, J.ed. The ecological implications of fire in Greater Yellowstone Area following 1988 Plants and their environment: proceedings of the second biennial scientific conference on the Greater Yellowstone ecosystem; 1993 September 19-21; Yellowstone NP, WY. Technical Report NPS/NRYELL/NRTR. Denver, CO: US Dept. of the Interior, NPS, Natural Resources Publication Office: 151-158. [0905] http://www.usu.edu/beetle/documents2/1996Ryan%20Amman_Bark%20Beetle%20Activity.pdf
- Ryan, M.G., D.M. Kashian, E.A.H. Smithwick, W.H. Romme, M.G. Turner, and D.B. Tinker. 2008a. Joint Fire Science Program Project Number: 03-1-1-06. Final Report on Carbon cycling at the landscape scale: the effect of changes in climate and fire frequency on age distribution, stand structure, and net ecosystem production. Unpublished report for BLM Agreement/Task Order Number: 1422RAH03-0041 available online at: http://www.firescience.gov/projects/03-1-1-06/project/03-1-1-06_03-1-1-06_final_report.pdf
- Ryan, M.G., S.R. Archer, R. Birdsey, C. Dahm, L. Heath, J. Hicke, D. Hollinger, T. Huxman, G. Okin, R. Oren, J. Randerson, and W. Schlesinger. 2008b. Land Resources. In: *The effects of climate change on agriculture, land resources, water resources, and biodiversity in the United States.* A Report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research. Washington, DC., USA. 362 pp. Available online at: http://www.sap43.ucar.edu/documents/SAP_4.3_6.18.pdf
- Ryan M.G., M.E. Harmon, R.A. Birdsey, C.P. Giardina, L.S. Heath, R.A. Houghton, R.B. Jackson, D.C. McKinley, J.F. Morrison, B.C. Murray, D.E. Pataki, and K.E. Skog. 2010. A Synthesis of the Science on Forests and Carbon for U.S. Forests. Issues in Ecology, Report Number 13. 17 p.

- Saab, V.A. and J.G. Dudley. 1998. Responses of cavity-nesting birds to stand-replacement fire and salvage logging in ponderosa pine/Douglas-fir forests of southwestern Idaho. Res. Pap. RMRS-RP-11, Ogden, UT.USDA Forest Service, Rocky Mountain Research Station. [0671]
- Samson, F.B. 2005 (amended September 24, 2006). A conservation assessment of the northern goshawk, blacked-backed woodpecker, flammulated owl, and pileated woodpecker in the Northern Region, USDA Forest Service. Unpublished report on file, Northern Region, Missoula, MT, USA. [0389]
- Samson, F.B. 2006. Habitat Estimates for Maintaining Viable Populations of the Northern Goshawk, Blackbacked Woodpecker, Flammulated Owl, Pileated Woodpecker, American marten, and Fisher. USDA Forest Service. Unpublished report on file, Northern Region, Missoula, MT USA. 24 pgs. [0740]
- Savage, M. and J.N. Mast. 2005. How resilient are southwestern ponderosa pine forests after crown fires? Can. J. For. Res. 35: 967–977.
- Schmidt, K.M., J.P. Menakis, C.C. Hardy, W.J. Hann and D.L. Bunnell. 2002. Development of coarse-scale spatial data for wildland fire and fuel management. General Technical Report, RMRS-GTR-87, U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fort Collins, CO. [415]
- Schmidt, W.C. 1985. Historical Considerations. IN: Managing trees and stands susceptible to western spruce budworm. USDA Forest Service Technical Bulletin No. 1695. 111 p. [0906]
- Schmiegelow, F.K.A., C.S. Machtans and S.J. Hannon. 1997. Are boreal birds resilient to forest fragmentation? An experimental study of short-term community responses. Ecology 78(6): 1914-1932. [0731]
- Schultz, J.R. 2003. Appendix C Biological Assessment. In: Prescribed Fire Environmental Assessment. Bradford, PA: U.S. Department of Agriculture, Allegheny National Forest. 66 p.
- Schwartz, M.K., T. Ulizio and B.S. Jimenez. 2006. U.S. Rocky Mountain Fisher Survey Protocol. USFS Rocky Mountain Research Station, Missoula, MT. Unpublished Report. [1438]
- Schwartz, M.K., J.P. Copeland, N.J. Anderson, J.R. Squires, R.M. Inman, K.S. McKelvey, K.L. Pilgrim, L.P. Waits and S.A. Cushman. 2009. Wolverine gene flow across a narrow climatic niche. Ecology 90(11): 3222-3232. [1244]
- Scott, J.H. and E.D. Reinhardt. 2001. Assessing Crown Fire Potential by Linking Models of Surface and Crown Fire Behavior. USDA Forest Service. Rocky Mountain Research Station. RMRS-RP-29. P4 [0864]
- Scott, J.H. and R.H. Burgan, 2006. Standard Fire Behavior Fuel Models: A Comprehensive Set for Use with Rothermel's Surface Fire Spread Model. USDA, Forest Service Rocky Mountain Research Station, GTR-RMRS-153. P10-16 [1394]
- Seixas, F., T.P. McDonald, B.J. Stokes and R.L. Raper. 1995. Effect of Slash on Forwarder Soil Compaction. Sustainability, Forest Health and Meeting the Nation's Need for Wood Products, proceedings of the council on forest engineerings 18th annual meeting. Pp 77-86. [0343]
- Selleck, G.W. 1958. Life history of leafy spurge. In: Proceedings, 15th annual meeting of the north central weed control conference; 1958 December 3-4; Cincinnati, OH. Lincoln, NE: North Central Weed Control Conference: 16-17.

- Sestrich, C. 2005. Changes in native and nonnative fish assemblages and habitat following wildfire in the bitterroot river basin, Montana. Montana State University, Bozeman, MT. [0529] http://www.fs.fed.us/rm/boise/research/fisheries/fire/FAE%20Papers/Sestrich_thesis_2005.pdf
- Shackelford, C. and R. Conner. 1997. Woodpecker abundance and habitat use in three forest types in eastern Texas. Wilson Bull. 109(4):614-629. [0281]
- Shetron, S.G., J.A. Sturos, E. Padley and C. Trettin. 1988. Forest soil compaction: effect of multiple passes and loadings on wheel track surface soil bulk density. North J. Appl. For. 5:120-123 [0068]
- Sherburne, S.S. 1992. Marten use of subnivean access points in Yellowstone National Park, WY. Logan, UT: Utah State University. 37 p. Thesis.
- Sheridan, G., P. Noske, R. Whipp and N. Wijesinghe. 2006. The effect of truck traffic and road water content on sediment delivery from unpaved forest roads. Hydrol. Process., 20: 1683–1699. doi: 10.1002/hyp.5966. [1418] http://onlinelibrary.wiley.com/doi/10.1002/hyp.5966/pdf
- Shults, B.S. 2001. Abundance and ecology of martens (Martes americana) in interior Alaska. Fairbanks, AK: University of Alaska. 79 p. Thesis.
- Simcock, R.C., R.L. Parfitt, M.F. Skinner, J. Dando and J.D. Graham. 2006. The effects of soil compaction and fertilizer application on the establishment and growth of Pinus radiata. Canadian Journal of Forest Research 36: 1077-1086. [0872]
- Six, D. and K. Skov 2009. Response of bark beetles and their natural enemies to fire and fire surrogate treatments in mixed-conifer forests in western Montana. Forest Ecology and Management 258:761–772. [1516]
- Skovlin, J.M., P. Zager and B.K. Johnson. 2002. Elk habitat selection and evaluation. In: Toweill, Dale E.; Thomas, Jack Ward, eds. North American elk: ecology and management. Washington, DC: Smithsonian Institution Press: 531-556.
- Smallwood, K.S. 1999. Scale domains of abundance amongst species of mammalian Carnivora. Environmental Conservation 26(2):102-111. [1517]
- Smith, D.M. 1962. The Practice of Silviculture. New York: John Wiley & Sons, Inc. 578 p. pp 10-12. [0487]
- Smith, H.Y. and S.F. Arno, eds. 1999. Eighty-eight years of change in a managed ponderosa pine forest. Gen. Tech. Rep. RMRS-GTR-23. Ogden, UT: U.S. Department of Agriculture, Rocky Mountain Research Station. 55 p. plus 14 foldout photo point pages, one poster. [0867]
- Smith, J.K. and W.C. Fischer. 1997. Fire Ecology of the Forest Habitat Types of Northern Idaho. Gen Tech Report INT-GTR-363. Ogden UT: Intermountain Forest and Range Experiment Station, USDA Forest Service. 142p. [1189]
- Smith, J.K., ed. 2000. Wildland fire in ecosystems: effects of fire on fauna. Gen. Tech. Rep. RMRS-GTR-42-vol. 1. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 83 p. [0136]
- Soja, A.J., N.M. Tchebakova, N.H.F. French, M.D. Flannigan, H.H. Shugart, B.J. Stocks, A.I. Sukhinin, E.I. Parfenova, F.S. Chapin III and P.W. Stackhouse, Jr. 2007. Climate-induced boreal forest change: predictions versus current observations. Global and Planetary Change. 56: 274-296. http://dx.doi.org/10.1016/j.gloplacha.2006.07.028 [1499]
- Soutiere, E.C. 1989. Effects of timber harvesting on marten in Maine. The Journal of Wildlife Management. 43(4): 850-860. [1500]

- Spahr, R., L. Armstrong, D. Atwood and M. Rath. 1991. Threatened, endangered, and sensitive species of the Intermountain Region. U.S. Forest Service, Ogden, Utah.
- Squires, J.R., S. Tomson, L.F. Ruggiero and B. Oakleaf. 2001. Distribution of lynx and other forest carnivores in the Wyoming Range, southcentral Wyoming, progress report: winters 2000 and 2001. Unpublished report, U.S. Department of Agriculture Forest Service, Rocky Mountain Research Station, Missoula, MT.
- Squires, J.R., J.P. Copeland, T.J. Ulizio, M.K. Schwartz and L.F. Ruggiero. 2007. Sources and patterns of wolverine mortality in Western Montana. Journal of Wildlife Management 71(7): 2213-2220. [1140]
- Squires, J.R., and N. DeCesare. 2008. Measuring Horizontal Cover of Forests Associated with Lynx Habitat Use. May 29, 2008.
- Stagliano D.M. and B.A. Maxell. 2010. Aquatic invertebrate species of concern: Updated distributions, vital watersheds and predicted sites within USFS Northern Region lands. Prepared for USDA Forest Service, Northern Region, by Montana Natural Heritage Program, Helena. 30 p. plus appendices. [1419] http://mtnhp.org/reports/2008RegionSOCAqInvert.pdf
- Stednik, J.D. 1996. Monitoring the Effects of Timber Harvest on Annual Water Yield. Journal of Hydrology Vol. 176. 79-95 pp. [[0151]
- Steele, R. 1993. "The Role of Succession in Forest Health." Papers from the American Forests Workshop. Sun Valley, ID. November 1993. Published simultaneously in the Journal of Sustained Forestry Vol. 2. No. 1-2, 1994 P183-190; and Assessing Forest Ecosystem Health in the Inland West (eds R. Neil Sampson and David L. Adams), The Hawthorn Press, Inc., 1994, pp183-190. [0488]
- Steinbrenner, E.C., 1955. The effect of repeated tractor trips on the physical properties of forest soils. Northwest Science, Vol. 29(4):155-159. [0052]
- Steller, R.F. 1996. Biology of Populus and its Implications for Management and Conservation. Ottawa, ON. National Research Council of Canada, NRC Research Press. Available for review at the Stevensville District Office.
- Stewart, I.T., D.R. Cayan and M.D. Dettinger. 2004. Changes in snowmelt runoff timing in western North America under a 'Business as Usual' climate change scenario. Kluwer Academic Publishers. Printed in the Netherlands. Climate Change Vol. 62, No. 1-3, pages 217-232. [0789] http://meteora.ucsd.edu/cap/pdffiles/stewart_clch.pdf
- Stipe, L.E. 1982. Outbreak Chronology. IN: Western spruce budworm, USDA, Forest Service Technical Bulletin No. 1694. 198 p. [0907]
- Stratton, R.D. 2004. Assessing the Effectiveness of Landscape Fuel Treatments on Fire Growth and Behavior. Journal of Forestry [0302]
- Stratton, R.D. 2009. Guidebook on LANDFIRE fuels data acquisition, critique, modification, maintenance, and model calibration. General Technical Report RMRS-GTR-220. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station [1501]
- Stone, K. 2010. Martes americana. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: http://www.fs.fed.us/database/feis/ [2014, June 4].

- Strickland, M.A. and C.W. Douglas. 1987. Marten. In: Novak, Milan; Baker, James A.; Obbard, Martyn E.; Malloch, Bruce, eds. Wild furbearer management and conservation in North America. North Bay, ON: Ontario Trappers Association: 531-546. [0142]
- Strom, B.A. and P.Z. Fulé. 2007. Pre-wildfire fuel treatments affect long-term ponderosa pine forest dynamics. International Journal of Wildland Fire 16: 128-138.
- Sullivan, J. 1994. Anaxyrus boreas. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: http://www.fs.fed.us/database/feis/2014, April 11].
- Sung, S., L.M. White, D.H. Marx and W.J. Otrosina. 1995. Seasonal ectomycorrhizal fungal biomass development on loblolly pine (Pinus taeda L.) seedlings. USDA Forest Sciences Laboratory, Institute of Tree Root Biology, Southern Research Station, Atlanta, GA. Mycorrhiza (1995) 5:439-447 [1160]
- Sutherland, S. 2003. Post-Fire Weed Response on the Bitterroot National Forest. Preliminary results of an ongoing research project. On file at Bitterroot National Forest Supervisor's Office, Hamilton, MT.
- Swanston, D.N. 1991. "Natural processes." American Fisheries Society Special Publication 19: 139-179. [1502] http://www.cascadiacd.org/files/documents/AppM_NatProcExcerpt_Oct04.pdf
- Terres, J.K. 1980. The Audubon Society Encyclopedia of North American Birds. Alfred A. Knopf, N.Y., NY. pgs. 1109. Full text available for review at the District office. [0400]
- Tewksbury, J.J., S.J. Hejl and T.E. Martin. 1998. Breeding productivity does not decline with increasing fragmentation in a western landscape. Ecology 79(8):2890-2903. [0734]
- Thomas, J.W., R.G. Anderson, C. Maser and E.L. Bull. 1979. Snags. In: Thomas, J.W., ed. Wildlife habitats in managed forests: the Blue Mountains of Oregon and Washington. Agric. Handb. 553. Washington, DC: U.S. Department of Agriculture, Forest Service: 60-77. [0401]
- Thompson, I.D. 1986. Diet choice, hunting behavior, activity patterns, and ecological energetics of marten in natural and logged areas. Kingston, ON: Queen's University at Kingston. 181 p. Dissertation.
- Thompson, I.D., I.J. Davidson, S. O'Donnell and F. Brazeau. 1989. Use of track transects to measure the relative occurrence of some boreal mammals in uncut forests and regeneration stands. Canadian Journal of Zoology 67: 1816-1823. [0676]
- Thompson, I.D. and P.W. Colgan. 1994. Marten activity in uncut and logged boreal forests in Ontario. The Journal of Wildlife Management. 58(2): 280-288.
- Thompson, J.R., T.A. Spies and K.A. Olsen. 2011. Canopy damage to conifer plantations within a large mixed-severity wildfire varies with stand age. Forest Ecology and Management. 262:355-360. [1538]
- Thomasma, L.B. 1996. Winter habitat selection and interspecific interactions of American martens (Martes americana) and fishers (Martes pennanti) in the McCormick Wilderness and surrounding area. Houghton, MI: Michigan Technological University. 116 p. Dissertation.
- Trombulak, S.C. and C.A. Frisell. 2000. Review of Ecological Effects of Roads on Terrestrial and Aquatic Communities. Conservation Biology. Vol. 14, Issue 1. Pgs 18-30. [1047]
- Ulev, E. 2007. Lynx canadensis. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: http://www.fs.fed.us/database/feis/ [2014, May 8].

- US Environmental Protection Agency (EPA). 2009. Chapter 7. Land Use, Land-Use Change, and Forestry in 2009 Draft U.S. Greenhouse Gas Inventory Report, DRAFT Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2007. The entire report is available online at: http://epa.gov/climatechange/emissions/usinventoryreport.html
- US Environmental Protection Agency (EPA). 2013. Chapter 7. Land Use, Land-Use Change, and Forestry, in Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2011. The entire report is available online at: http://www.epa.gov/climatechange/ghgemissions/usinventoryreport.html
- USDA Forest Service. 1974. National Forest Landscape Management, Volume 2. Agriculture Handbook Number 462. Chapter 1: The Visual Management System. Forest Service
- USDA Forest Service. 1978. Guides for Elk Habitat Objectives, Bitterroot National Forest, Hamilton MT. 25 pp. [0361]
- USDA Forest Service. 1981. Bitterroot National Forest. Forest Plan Notes. Subject: Technologically Unsuitable Lands Criteria (RO Letter, February 24, 1982, "Revised Tables for Suitability Test-Timber", Step 5 and NFMA, 219, h, 3). [0474]
- USDA Forest Service. 1986. Guidelines for Selecting Live or Dead Standing Tree Wildlife Habitat. Pacific Northwest Region. 6p. Available for review at the Darby Ranger District office.
- USDA Forest Service. 1987a. Forest Plan, Bitterroot National Forest. USDA Forest Service, Northern Region. Hamilton MT, September, 1987. [0120]
- USDA Forest Service. 1987b. Bitterroot National Forest Plan, Final Environmental Impact Statement, Volumes I and II. Bitterroot National Forest, Hamilton, MT. Available for review at Forest's Supervisor's Office in Hamilton, MT.
- USDA Forest Service. 1987c. Bitterroot National Forest Plan, Record of Decision. Bitterroot National Forest, Hamilton, MT. Available for review at the Supervisor's Office in Hamilton, MT.
- USDA Forest Service. 1990. Old growth habitat and associated wildlife species in the Northern Rocky Mountains. Nancy Warren (ed.), Northern Region Wildlife Habitat Relationship Program. Missoula, Montana. 47 pp. [0358]
- USDA Forest Service. 1994. Neotropical Migratory Bird Reference Book. USDA Forest Service, Pacific Southwest Region. 832 pp.
- USDA Forest Service. 1995a. Landscape Aesthetics; A Handbook for Scenery Management. Washington D.C. [0382]
- USDA Forest Service. 1995b. Inland native fish strategy. Environmental Assessment. [0028] http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fsbdev3_033158.pdf
- USDA Forest Service. 1995c. Bitterroot National Forest Fire Groups. Biophysical Classification Habitat Groups and Descriptions. Bitterroot National Forest, Hamilton, MT. [0048]
- USDA Forest Service. 1996a. FSH 2409.21e, Timber Management Control Handbook. Chapter 100 Timber Stand Record System. Northern Region, Missoula MT. Amendment No. 2409.21e-96-1. Available online: http://www.fs.fed.us/pnw/publications/gtrs1997.shtml ABSTRACT ONLY.
- USDA Forest Service. 1996b. Bitterroot National Forest Noxious Weed Implementation Guide. Hamilton, MT. [0044]
- USDA Forest Service. 1999a. Vegetation Response Unit Characterizations and Target Landscape Prescriptions. Libby MT: Kootenai National Forest, USDA Forest Service. 174p. [0899]

- USDA Forest Service. 1999b. Threatened and Endangered Species List Changes 1999. 20 pp. March 12, 1999. [0141]
- USDA, Forest Service. 1999c. Eighty-eight years of change in a managed Ponderosa Pine Forest. USDA Forest Service General Technical Report RMRS-GTR-23. Rocky Mountain Research Station, Ogden, UT. 55pp. [0867]
- USDA Forest Service. 2000a. Social Science to Improve Fuels Management A Synthesis of Research on Aesthetics and Fuels Management. USDA FS, Rocky Mountain Research Station, CA. S. McCaffery, D. Petterson, M. Johnson, E. Kennedy-Sutherland, A. Black, J. Barbour, R. Fight, P. Jakes, S. Barro, J. Szmoniak, R.T. Graham. [1484]
- USDA Forest Service. 2000b. Northern Region Snag Management Protocol. 34 p. [0137]
- USDA Forest Service. 2000c. Bitterroot Fires 2000, An Assessment of Post-fire Conditions With Recovery Recommendations. Bitterroot National Forest, Hamilton, MT. [0075]
- USDA Forest Service. 2000d. Bitterroot Fires 2000. An overview of the events, effects on people and resources, and post-fir recovery priorities. Bitterroot National Forest, Hamilton, MT. December 2000. [0909]
- USDA Forest Service. 2000e. Interior Columbia Basin Supplemental Final Environmental Impact Statement, Vol. 2, Appendix 12. Requirements for snags and downed wood. Interior Columbia Basin Ecosystem Management Project, U.S. Dept. of Agriculture, Forest Service, and U.S. Dept. of the Interior, Bureau of Land Management. 13 pp. [0862]
- USDA Forest Service. 2000f. Forest Plan Monitoring and Evaluation Report, Fiscal Year 2001. Bitterroot National Forest, Hamilton, MT. [0126]
- USDA Forest Service. 2001. Forest Plan Monitoring and Evaluation Report. Fiscal Year 2001. Bitterroot National Forest, Hamilton, MT [0127]
- USDA Forest Service. 2002a. Forest Plan Monitoring and Evaluation Report. Fiscal Year 2002. Bitterroot National Forest, Hamilton, MT [0128]
- USDA Forest Service. 2003a. Users Guide: Smoke Impact Spreadsheet (SIS) Model: USDA Northern Region, Project No. 189-1. P14-32. [0098]
- USDA Forest Service. 2003b. Final Environmental Impact Statement Noxious Weed Treatment Project. Bitterroot National Forest, Hamilton, MT. [0201]
- USDA Forest Service. 2003c. Forest Plan Monitoring and Evaluation Report, Fiscal Year 2003. Bitterroot National Forest, Hamilton, MT. [0013]
- USDA Forest Service. 2004a. Forest Plan Monitoring and Evaluation Report, Fiscal Year 2004, Bitterroot National Forest, Hamilton, MT. [0325]
- USDA Forest Service. 2004b. Biological Assessment for Herbicide Treatment of Noxious Weeds on the Nez Perce National Forest for 2004. USDA Forest Service, Nez Perce National Forest. Grangeville, ID. [1021]
- USDA Forest Service. 2005. Middle East Fork Hazardous Fuels Reduction Final Environmental Impact Statement. Bitterroot National Forest, Sula Ranger District. [0861]

- USDA Forest Service. 2006. Bitterroot Forest Plan Monitoring and Evaluation Report, pages 80 85, 89 91. Bitterroot National Forest, Hamilton, MT, [0812] http://www.fs.fed.us/r1/bitterroot/projects/fp_monitoring_rprt/2006_webcopy.pdf
- USDA Forest Service. 2007a. Northern Rockies Lynx Management Direction Record of Decision. National Forests in Montana, and parts of Idaho, Wyoming and Utah. U.S. Dept. of Agriculture, Forest Service, Northern Region Office, Missoula, MT. March 2007. 71pgs [0757]
- USDA Forest Service. 2007b. Northern Rockies Lynx Management Direction FEIS Volume 1. National Forests in Montana, and parts of Idaho, Wyoming and Utah. U.S. Dept. of Agriculture, Forest Service, Northern Region Office, Missoula, MT. March 2007. 587pgs [0755]
- USDA Forest Service. 2008a. Forest Plan Monitoring and Evaluation Report. Fiscal Year 2008. Bitterroot National Forest, Hamilton, MT [1185]
- USDA Forest Service. 2008b. Assessment of Bark Beetle Activity in Proposed Larry Bass Management Area, Bitterroot National Forest, Joel M. Egan.
- USDA Forest Service. 2009. Forest Plan Monitoring and Evaluation Report. Fiscal Year 2009. Bitterroot National Forest, Hamilton, MT pp 100-101. [1503]
- USDA Forest Service. 2011. Northern Region Sensitive Plants List for Montana, Threatened, Endangered and Sensitive Species Program, Northern Region, Missoula, MT [1321] http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5279899.pdf
- USDA Forest Service. 2012a. Draft NEPA Template/Guidance for Fisher (Martes pennanti). Unpublished paper on file at USDA Forest Service Northern Region, Missoula, MT. 19 pp.
- USDA Forest Service. 2012b. Fisher (Martes pennanti) habitat model and assessment for USDA Forest Service Northern Region. Unpublished paper on file at USDA Forest Service Northern Region, Missoula, MT. 16 pp.
- USDA Forest Service. 2012c. Fisher Monitoring Report for the Northern U.S. Rocky Mountains/Region One USFS. Unpublished report on file at USDA Forest Service Region One, Missoula, MT.
- USDA Forest Service. 2013. Conservation Strategy for Bull Trout on USFS lands in Western Montana.

 Northern Region of the USDA Forest Service, Missoula, MT. [1414]

 http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5427869.pdf
- USDI Fish and Wildlife Service. 1994. The Reintroduction of Gray Wolves to Yellowstone National Park and Central Idaho. Final Environmental Impact Statement. U.S. Fish and Wildlife Service, Denver, CO. Full text available for review at the District office. [0402]
- USDI Fish and Wildlife Service. 1998a. Endangered and threatened wildlife and plants; determination of threatened status for bull trout in the Columbia and Klamath River basins; final rule. Federal Register: 63: 31647. [0531]
- USDI Fish and Wildlife Service. 1998b. A Framework to Assist In Making Endangered Species Act
 Determinations of Effect for Individual or Grouped Actions at the Bull Trout Subpopulation
 Watershed Scale. [0570]
 http://www.fws.gov/mountain-prairie/species/mammals/grizzly/partbappendixg.pdf
- USDI Fish and Wildlife Service. 2000. Determination of threatened status for the contiguous U.S. distinct population segment of the Canada lynx and related rule. March 24, 2000. Federal Register 65(58):16052-16086.

- USDI Fish and Wildlife Service (USFWS). 2002a. Chapter 1, Introduction. Bull Trout (Salvelinus confluentus) Draft Recovery Plan (Klamath River, Columbia River, and St. Mary-Belly River Distinct Population Segments). U.S. Fish and Wildlife Service, Portland, Oregon. [1420] http://www.fws.gov/pacific/bulltrout/RP/Chapter_1_Introductory.pdf
- USDI Fish and Wildlife Service. 2002b. Chapter 3, Clark Fork River Recovery Unit, Montana, Idaho, and Washington. 285 p. U.S. Fish and Wildlife Service. Bull Trout (Salvelinus confluentus) Draft Recovery Plan. Portland, Oregon. [0370] http://www.fws.gov/pacific/bulltrout/RP/Chapter_3%20Clark%20Fork.pdf
- USDI Fish and Wildlife Service. 2005. Recovery Outline: Contiguous United States Distinct Population Segment of the Canada Lynx. [1439]

 Accessed at: http://www.fws.gov/mountain-prairie/species/mammals/lynx/final%20lynx%20recoveryoutline9-05.pdf
- USDI Fish and Wildlife Service (USFWS). 2006. Designating the northern Rocky Mountain population of gray wolf as a distinct population segment; removing the northern Rocky Mountain distinct population segment of gray wolf from the federal list of endangered and threatened wildlife. Federal Register 71(26):6634-6660. February 8, 2006.
- USDI Fish and Wildlife Service. 2007. Biological opinion on the effects of the Northern Rockies Lynx Amendment on the distinct population segment (DPS) of Canada lynx (Lynx canadensis) in the contiguous United States. Unpublished. Montana Field Office, Helena, MT. 85 p. [0753]
- USDI Fish and Wildlife Service (USFWS). 2008. Virginia big-eared bat (Corynorhinus townsendii virginianus) 5-year review: summary and evaluation. Report prepared by West Virginia Field Office. 21 pp. [1505]
- USDI Fish and Widllife Service (USFWS). 2009. Virginia big-eared bat (Corynorhinus townsendii virginianus) plan for controlled holding, propagation, and reintroduction. USFWS, West Virginia Field Office, Elkins, West Virginia. [1506]
- USDI Fish and Wildlife Service. 2010. Final Rule: Endangered and Threatened Wildlife and Plants; Revised Designation of Critical Habitat for Bull Trout in the Coterminous United States. Federal Register/Vol. 75, No. 200 / Monday, October 18, 2010 / Rules and Regulations. 50 CFR Part 17 http://www.fws.gov/pacific/bulltrout/pdf/BTCHFR101810.pdf
- USDI Fish and Widllife Service (USFWS). 2011. 12-Month Finding on a Petition to List a Distinct Population Segment of the Fisher in Its United States Northern Rocky Mountain Range as Endangered or Threatened With Critical Habitat, 50 CFR Part 17, Vol. 76, No. 126. 30 pp.
- USDI Fish and Wildlife Service (USFWS). 2014. Species Profile: Gray Wolf (Canis lupus). Environmental Conservation Online System. Accessed at: http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A00D
- Valdal, E. and M. Quinn. 2010. Spatial Analysis of Forestry Related Disturbance on Westslope Cutthroat Trout (Oncorhynchus clarkii lewisi): Implications for Policy and Management. Appl. Spatial Analysis 4:95–111. [1421]
- van Lear, D.H. 1996. Dynamics of coarse woody debris in southern forest ecosystems. In: McMinn, James W.; Crossley, D. A., Jr., eds. Biodiversity and coarse woody debris in southern forests: Proceedings of the workshop on coarse woody debris in southern forests: effects on biodiversity; 1993 October 18-20; Athens, GA. Gen. Tech. Rep. SE-94. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 10-17. [1527]

- Van Wagner, C.E. 1977. Conditions for the start and spread of crownfire. Can. J. For. Res. (7) 23-34. [0620]
- van Woudenberg, A.M. 1999. Status of the Flammulated Owl (OTUS FLAMMEOLUS) in British Columbia. Working Report No. 96, British Columbia Ministry of Environment, Lands, and Parks, Victoria, B.C. 45pp. [0289]
- van Woudenberg, A.M. 2003. Estimating flammulated owl population trends at the northern range limit. Bird Trends (Winter):45-47. [0765]
- Vermeire, L.T. and M.J. Rinella. 2009. Fire alters emergence of invasive plant species from soil surface-deposited seeds. Weed Science. 57(3): 304-310. [75003]
- Vinkey, R.S. 2003. An evaluation of fisher (Martes pennanti) introductions in Montana. Thesis, University of Montana, Missoula, USA. [0428]
- Vinkey, R.S., M.K. Schwartz, K.S. McKelvey, K.R. Foresman, K.L. Pilgrim, B J. Giddings and E. C. LoFroth. 2006. When reintroductions are augmentations: the genetic legacy of fishers (Martes pennanti) in Montana. Journal of Mammology, 87(2):265-271. [1246]
- Wackenhut, M.C. 1990. Bat species overwintering in lava-tube caves in Lincoln, Gooding, Blaine, Bingham, and Butte counties, Idaho, with special reference to annual return of banded Plecotus townsendii. Unpublished thesis, Idaho State University, Pocatello, ID.
- Walstad, J., S. Radosevich, and D. Sandberg. 1990. Natural and prescribed fire in the Pacific Northwest. Corvallis, OR. Oregon State University Press.
- Watkins, R.Z., J. Chen, J. Pickens and K.D. Brosofske. 2003. Effects of Forest Roads on Understory Plants in a Managed Hardwood Landscape. Vol. 17, No. 2. Pgs 411-419. [1504]
- Watt, W.J. and R.K. Krag, 1985. A Comparison of Soil Disturbance Caused by Cable and Small Tractor Logging. Session 1-1 Timber Harvesting pp. 44-53. [0344]
- Wear, D.N. and B.C. Murray. 2004. Federal timber restrictions, interregional spillovers, and the impact on US softwood markets. Journal of Environmental Economics and Management Volume 47, Issue 2, March 2004, Pages 307-330.
- Weatherby, J.C., R.A. Progar and P.J. Mocettini. 2001. Evaluation of tree survival on the Payette National Forest 1995-1999. FHP Rep. R4-01-01. Ogden, UT. USDA, Intermountain Region. 11p. [0894]
- Weaver, H. 1943. Fire as an ecological and silvicultural factor in the ponderosa pine region of the Pacific slope. Journal of Forestry 41:7-14. [0895]
- Weaver, H. 1951. Fire as an ecological factor in the southwestern ponderosa pine forests. Journal of Forestry 49:93-98. [0896]
- Weaver, H. 1967. Fire and its relationship to ponderosa pine. Proc. 7thAnnual Tall Timbers Fire Ecol. Conf. 127-149. [0897]
- Weaver, H. 1974. Effects of fire on temperate forests: Western United States. In: Kozlowski, T.T.; Ahlgren, C.E., eds. Fire and ecosystems. New York: Academic Press: 279-319. [0898]
- Weber, W.M. 1972. Correlation of Pleistocene Glaciation in the Bitterroot Range, Montana, with Fluctuations of Glacial Lake Missoula. Montana Bureau of Mines and Geology. Butte, MT. [1387]
- Wells, C.G. and J.R. Jorgensen. 1979. Effect of intensive harvesting on nutrient supply and sustained productivity. In: Proceedings of the Impact of Intensive Harvesting on Forest Nutrient Cycling:

- College of Environmental Science and Forestry; State University of New York, Syracuse, NY. pp. 212-230. [0094]
- Werner, J.K. and J.D. Reichel. 1994. Amphibian and reptile survey of the Kootenai National Forest: 1994. Montana Natural Heritage Program, Helena, Montana. 104 pp. [1507]
- Werner, J.K. and J.D. Reichel. 1996. Amphibian and reptile monitoring/survey of the Kootenai National Forest: 1995. Montana Natural Heritage Program. Helena, MT. 115 pp.
- Werner, J.K., T. Plummer and J. Weaslehead. 1998. Amphibians and reptiles of the Flathead Indian Reservation. Intermountain Journal of Sciences 4(1-2): 33-49.
- Wert, S. and B.R. Thomas. 1981. Effects of skid roads on diameter, height, and volume growth in Douglas-fir., Soil Sci. Soc. Am. J. Vol. 45:629-632. [0084]
- Westerling, A. No Date. Climate and Forest Wildfire in the Western United States. Chapter 6. [1520]
- Westerling, A.L., H.G. Hidalgo, D.R. Cayan and T.W. Swetnam. 2006. Warming and earlier spring increase western U.S. forest wildfire activity. Science Express, Vol. 313, No. 5789, pages 940-943. [0791] www.sciencemag.org/cgi/reprint/313/5789/940.pdf
- Westerling, A.L. and B.P. Bryant. 2008. Climate change and wildfire in California. Climatic Change: 87(Suppl. 1): S231-S249.
- Western Bat Working Group. 1998. Ecology, conservation and management of western bat species, bat species accounts (draft). Unpublished document prepared as preliminary information for a group workshop conducted in February 1998. Obtained from Bill Austin, U.S. Fish and Wildlife Service, 520-527-0849.
- Western Bat Working Group. 2005. Corynorhinus townsendii Townsend's big-eared bat species account. Updated 2005.
- Wilcove, D.S., C.H. McLellan and A.P. Dobson. 1986. Habitat fragmentation in the temperate zone. Pages 237-256 in Soule, M.E., ed. Conservation biology: the science of scarcity and diversity. Sinauer Associates, Inc., Sunderland, MS. 584 p. [0752]
- Wilcove, D.S. 1990. Forest fragmentation as a wildlife management issue in the eastern United States. Pages 1-5 in R. M. DeGraff, and W. M. Healy (editors). Is Forest Fragmentation a Management Issue in the Northeast? Northeastern Forest Experiment Station, U.S. Forest Service. General Technical Report NE-140. [1508]
- Winter, J. 1974. The distribution of the flammulated owl in California. Western Birds 5(2): 25-44. [0678]
- Wisdom, M.J., B.C. Wales, R.S. Holthausen, C.D. Hargis, V.A. Saab, W.J. Hann, T.D. Rich, D.C. Lee and M.M. Rowland. 1999. Wildlife habitats in forests of the Interior Northwest: history, status, trends, and critical issues confronting land managers. In: McCabe, Richard E.; Loos, Samantha E., eds. Transactions, 64th North American wildlife and natural resources conference; 1999 March 26-30; Buringame, CA. Washington, DC: Wildlife Management Institute: 79-93.
- Wisdom, M. J., and J. G. Cook. 2000. North American Elk. In Ecology and management of large mammals in North America, eds. Demarais, S., and P. R. Krausman, 694-735. Upper Saddle River, New Jersey: Prentice Hall.
- Wisdom, M.J., R.S. Holthausen, B.C. Wales, C.D. Hargis, V.A. Saab, D.C. Lee, W.J. Hann, T.D. Rich, M.M. Rowland, W.J. Murphy and M.R. Eames. 2000. Source habitats for terrestrial vertebrates of focus

- in the interior Columbia basin: broad-scale trends and management implications. Volume 2--group level results. In: Quigley, T. M., ed. Interior Columbia Basin Ecosystem Management Project: scientific assessment. Gen. Tech. Rep. PNW-GTR-485. Vol. 2. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station: 157-434. [0911]
- Witmer, G.W. and D.S. deCalesta. 1985. Effect of forest roads on habitat use by Roosevelt elk. Northwest Science. 59(2): 122-125. [1509]
- Witmer, G.W., S.K. Martin and R.D. Sayler. 1998. Forest carnivore conservation and management in the interior Columbia basin: issues and environmental correlates. Gen. Tech. Rep. PNW-GTR-420. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 51 p. (Quigley, Thomas M., ed.; Interior Columbia Basin Ecosystem Management Project: scientific assessment). [0278]
- Wolff, J.O. 1980. The role of habitat patchiness in the population dynamics of snowshoe hares. Ecological Monographs 50:111-130. [1510]
- Wondzell, S.M. and J.G. King. 2003. Postfire erosional processes in the Pacific Northwest and Rocky Mountain regions. Forest Ecology and Management 178 (2003) 75-87. [0555]
- Woods, J.G. and R.H. Munro. 1996. Roads, rails and the environment: wildlife at the intersection in Canada's western mountains. In: G.L. Evink et al. (eds). Proceedings of the Transportation related Wildlife Mortality Seminar. Florida Department of Transportation, Tallahassee, FL. [1511]
- Wright, H.E., Jr. and M.L. Heinselman. 1973. Ecological role of fire. Quaternary Research. 3(3): 319-328. [1512]
- Wright, V. 1996. Multi-scale analysis of flammulated owl habitat use: owl distribution, habitat management, and conservation. Master's thesis, University of MT, Missoula. [0226]
- Wright, V., S.J. Hejl and R.L. Hutto. 1997. Conservation implications of a multi-scale study of flammulated owl (Otus flammeolus) habitat use in the northern Rocky Mountains, USA. Pp. 506-516 in: Duncan, J.R., D.H. Johnson and T.H. Nicholls, eds. Biology and conservation of owls of the Northern Hemisphere: 2nd International symposium; 1997 February 5-9; Winnipeg, MB. General Technical Report NC-190. St. Paul, MN: U.S. Dept. of Agriculture, Forest Service, North Central Forest Experiment Station. [0679]
- Wulf, N.W. and R.G. Gates. 1987. The western budworm and forest succession. IN: Western Spruce Budworm, M.H. Brookes, R.W. Campbell, J.J. Colbert, R.G.Mitchell and R.W. Stark editors, USDA Forest Service Technical Bulletin No.1694. [1031]
- Young, M.K., E.A. Mace, E.T. Ziegler and E.K. Sutherland. 2006. Characterizing and contrasting instream and riparian coarse wood in western Montana basins. Forest Ecology and Management 226: 26-40. [1422] http://www.fs.fed.us/rm/boise/AWAE/scientists/profiles/Young/Young%20et%20al.%202006.pdf
- Zielinski, W.J., R.L. Truex, F.V. Schlexer, L.A. Campbell and C. Carroll. 2005. Historical and contemporary distributions of carnivores in forests of the Sierra Nevada, California, USA. Journal of Biogeography. 32(8): 1385-1407. [1513]
- Zlatnik, E.J., T.H. DeLuca, K.S. Milner and D.F. Potts. 1999. Site productivity and soil conditions on terraced ponderosa pine sites in Western Montana. W. Jour. Applied Forestry; Vol. 14(1):35-40. [0078]
- Zouhar, K. 2001a. Centaurea maculosa. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer).

- [0189] Available: http://www.fs.fed.us/database/feis/plants/forb/cenmac/introductory.html [2004, November 16].
- Zouhar, K. 2001b. Cirsium arvense. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). [0187] Available: http://www.fs.fed.us/database/feis/plants/forb/cirarv/introductory.html [2004, December 17].
- Zouhar, K. 2002. Cirsium vulgare. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). [0190] Available: http://www.fs.fed.us/database/feis/ [2014, October 16].
- Zouhar, K. 2002b. Cynoglossum officinale. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). [0186] Available: http://www.fs.fed.us/database/feis/plants/forb/cynoff/introductory.html [2004, December 17].
- Zouhar, K. 2003. Bromus tectorum. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). [0188] Available: http://www.fs.fed.us/database/feis/plants/graminoid/brotec/all.html [2004, December 17].